Hospital & Homecare

Hospital & Home Care I/E. Co.,Ltd.

Catalogue: 8



Centrifuge

Electric suction apparatus





Nebulizer



Shadowless operating lamp



Pressure steam sterilizer



Ent Diagnostic Set









CONTENTS

Centrifuge Series

Electric Suction Apparatus Series

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Facial Features Inspector Series

CENTRIFUGES

LOW SPEED CENTRIFUGES



ML1



ML2



Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	750w
Capacity	1000mlx4
Max.RCF	3100xg
Timing range	100-3600rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	550x720x430mm(LxWxH)
Weight	55kg

Driven by brushless inverter motor, controlled by microcomputer,display on LCD
It has the of high separate efficiency,steady running, and easy setting,low noise.Electromagnetic locks can lockup the lid while the instrument is running.It is ideal equipment for large volume and multi-tubes separation in tests of radio-immunity,,medicine,hospital



Main power	220V±10% 50Hz
Max. speed	4000r/min
Max. RCF	2130×g
Type of rotor	flexed angle rotor45°
Power input	80VA
Power output	40W
Capacity	50ml×4 (20ml×4)
Time range	0-30min
Weight	12kg
Dimensions	280(w) ×333(d) ×270(h)mm
Regulation	step



ML3

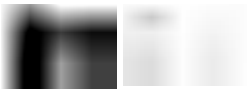
It is controlled by inverter,drven,driven by AC motor.It can be operated conveniently. It has the function of self-balance.It is safe and reliable because of being equipped with electronic lock.
It can satisfy the requirements to separate different liquids in the-fields of blood bank, foodstuff sanitation,biochemisty,lab,medcal and biolongical products and so on

Technical date

Timer range	0min-99min
Power	220V 50Hz 400W
Dimensions	460mmx510x680mm(LxWxH)
Weight	90kg



Max.speed:5000rpm
Max.RCF:5000xg
Capacity:250mlx4





ML4a ML4b ML4c

Main power	20V±10% 50Hz
Max. speed	4000r/min
Max. RCF	1790×g
Type of rotor	flexed angle rotor45°
Power input	75VA
Power output	25W
Capacity	20ml×6
Time range	--
Weight	4.7kg
Dimensions	250(Φ) ×270(h)mm
Regulation	step

Main power	220V±10% 50Hz
Max. speed	4000r/min
Max. RCF	1790×g
Type of rotor	flexed angle rotor45°
Power input	75VA
Power output	25W
Capacity	20ml×6
Time range	0-30min
Weight	4.8kg
Dimensions	250(Φ) ×270(h)mm
Regulation	step

Main power	220V±10% 50Hz
Max. speed	4000r/min
Max. RCF	1790×g
Type of rotor	flexed angle rotor45°
Power input	75VA
Power output	25W
Capacity	20ml×6
Time range	0-30min
Weight	5.0kg
Dimensions	250(Φ) ×270(h)mm
Regulation	step



ML5

Timer range	0min-99min
Noise	<67dB
Power	220V 50Hz
Circcity power	180w
Timing range	100-4000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	380x480x330mm
Weight	25kg



ML6

Timer range:0min-60min
Power :220V 50Hz
Dimensions:
280mmx280x320mm
Max.speed:4000rpm
Capacity:20mlx6
Max.RCF:1435xg





ML7

Technical date

Timer range	0min-30min
Power	220V 50Hz 65W
Dimensions	230x285x265mm(LxWxH)
Weight	10kg
Max.speed	4000rpm
Capacity	200mlx6
Max.RCF	1430xg



ML8



Max.speed: 5000rpm
Capacity: 500mlx6
Max.RCF: 6000xg

Technical date

Timer range	0min-99min
Power	220V 50Hz 750W
Dimensions	610x650x795mm(LxWxH)
Weight	100kg

It controlled by microcomputer,driven by frequency converter AC motor. Digtal display makes the operation simple and easy. It is safe and reliable because of equipped with electronic ocks.It can be used in the fidlds of radio-immunity,biological products,blood [roducts,foodstuff sanitatiobn and so on.



ML9



Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	400w
Capacity	15mlx8
Max.RCF	3800xg
Timing range	100-5000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	380x480x330mm(LxWxH)
Weight	25kg

Featured of low noise,wide speed range,high precise convenience.It is controlld by microcomputer and driven by inverter motor. IT is safe and reliable equipped with the electronic locks.

Is can be used to separate plasma and suspended liquor in fields of biology,chemistry,medicine foodstuff,environment protection and so on



ML10

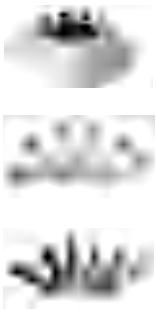
Timer range	0min-99min
Noise	<67dB
Power	220V 50Hz
Circcity power	180w
Capacity	15ml*8
Max.RCF	2220xg
Timing range	100-4000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	380x480x330mm(LxWxH)
Weight	25kg

It is driven by inverter motor according to Japannese technology. Ituses international standard 15ml tube.It has the function of self-balance.Its noise is low.It can be operated conveniently.The rotor and inner cavity are stainless steel,free from corrosin.The frame is made of high strength steel.

It can be used for qualitative analysis of serum, Plsma and medicine for hospital and biochemisty labs.



ML11



Technical date

Timer range	0min-30min
Power	220V 50Hz 135W
Dimensions	300x335x275mm(LxWxH)
Weight	14kg
Max.speed	4000rpm
Capacity	20mlx8
Max.RCF	2200xg

It is controlled by microcomputer,and designed according to Japanese te technogy.IT uses international standdrd 15ml tubes.It has the function of self-balance.It can run with the maximal weight of 10g.Its noise is low .It canbe operated conveniently. The rotor and inner cabity are stainless steel,free from corrosion. The frame is made of high stength plastic.It can be used for qualitative analysis toserum. Plasma and medicine for hospital and biochemistry labs.



ML12

Main power	220V±10% 50Hz
Max. speed	5000r/min
Max. RCF	3640×g
Type of rotor	swing-out
Power input	90VA
Power output	50W
Capacity	15ml×8
Time range	0-30min
Weight	13.5kg
Dimensions	310×340×265mm
Regulation	stepless indication



ML13

Timer range	0min-99min
Noise	<67dB
Power	220V 50Hz
Circcity power	180w
Capacity	15mlx12
Max.RCF	2325xg
Timing range	100-4000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	380x480x330mm(L*W*H)
Weight	25kg

It is controlled by microcomputer and driven by inverter motor. When it is running you can easily see the data.It is safe and reliable on the electronic locks. Matching intemational standard tubes,it can be used to separate plasma and suspended liquor in fields of biology,chemistry,medicine,foodstuff,environment protection and so on.



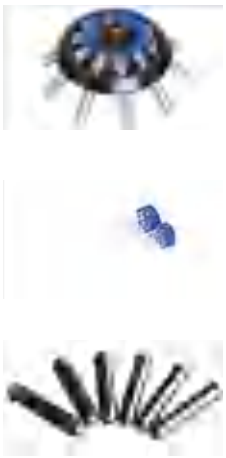
ML14

Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	400w
Capacity	15mlx12
Max.RCF	2325*g
Timing range	100-6000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5℃
Dimensions	380x480x330mm(LxWxH)
Weight	25kg

It isdriven bu inverter motor,it has a wide range of speed,and is also can run precisely,it can be ysed in medicine production, blood storehouse and hospitals for clinical experiments or in biochemical laboratories for qualitative analysis of serum, plasma and urea. AND it is equipped with electronic lock…



ML15



It is boby is made of figh strength plastics.It is low weoght,accurate conurate control,smooth running.It can be used in medicine production,blood storehouse and hospitls afor clinical experiments or in biochemical laboratories for qualitative adalysis of, plasma and urea.plasma and yrea .And it is equipped with electrinic lock

Technical date

Max.speed	6000r/min
Max.RCF	5200xg
Power input	350VA
Power output	250w
Capacity	20mlx12
Timer range	0-60min
Weight	15kg
Dimensions	350x390x350mm(LxWxH)
Regulation	stepless indication



ML16



It has the advantages of small cubage,low weight,large capacity,low noise and so on.The frame is made of high strength plastic.It can be operated conveniently.It is an ideal instrument for hospitals,labs to make qualitative analysis to serum,plasma,radio-immunity.

Time range	0min-30min
Max. speed	4000r/min
Max. RCF	2325×g
Capacity	20ml×12
Power	220V 50Hz 135W
Dimensions	280×310×265mm(L×W×H)
Weight	12kg



ML17a



ML17b



ML17c ML17d







ML17a		ML17b		ML17c		ML17d	
Main power	220V±10% 50Hz	Main power	220V±10% 50Hz	Main power	220V±10% 50Hz	Main power	220V±10% 50Hz
Max. speed	5000r/min	Max. speed	4000r/min	Max. speed	4000r/min	Max. speed	5000r/min
Max. RCF	3130×g	Max. RCF	2000×g	Max. RCF	2000×g	Max. RCF	3130×g
Type of rotor	flexed angle rotor45°	Type of rotor	flexed angle rotor45°	Type of rotor	flexed angle rotor45°	Type of rotor	flexed angle rotor45°
Power input	120VA	Power input	100VA	Power input	100VA	Power input	100VA
Power output	40W	Power output	70W	Power output	70W	Power output	70W
Capacity	15ml×12 10ml×16	Capacity	15ml×12 10ml×16	Capacity	15ml×12 10ml×16	Capacity	15ml×12 10ml×16
Time range	0-30min	Time range	0-30min	Time range	0-99min	Time range	0-99min
Weight	15.5kg	Weight	13kg	Weight	13kg	Weight	13kg
Dimensions	310×340×265mm	Dimensions	310×340×265mm	Dimensions	310×340×265mm	Dimensions	310×340×265mm
Regulation	step	Regulation	stepless indication	Regulation	stepless indication	Regulation	stepless indication



ML18

It has advantages of large capacity,low noise and steady performance, the temperature in centrifugal room only rises a little when it is running. Drvenn by inverter motor and controlled by microcomputer,it can be operated simply and conveniently. It is safe and reliable because of being equipped sith electronic locks.It can be used to separate plasma and suspended liquor in fields of biology, chemistry,medicine,foodstuff environment protection and so on

Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	400w
Max.speed	4000rpm
Capacity:	100mlx4/50mlx8/15mlx24/ 5mlx18
Max.RCF	3180xg
Timing range	100-4000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5
Dimensions	470x610x420mm(LxWxH)
Weight	35kg
Max.RCF	4000xg



ML19



Max.speed:5000rpm
Capacity:250mlx4/50mlx8
Max.RCF:5000xg



Max.speed:5000rpm
Capacity:6mlx96
Max.RCF:5000xg

It is controlled by inverter.It is digital display .Can be operated simply-and conveniently.It has the function of self-balance.It is asfe and reliable because of being equipped with lelctronic lock. It can satisfy the requirements to separate different liquids accurately in fields of blood bank, foodstuff sanitation,biochemistry,Lab medical and biological products and so on.

Timer range	0min-99min
Power	220V 50Hz 400W
Dimensions	460x510x435mm(LxWxH)
Weight	40kg



ML20		ML21	
Main power	220V±10% 50Hz	Main power	220V±10% 50Hz
Max. speed	4000r/min	Max. speed	5000r/min
Max. RCF	2770×g	Max. RCF	4500×g
Type of rotor	swing-out	Type of rotor	swing-out
Power input	350VA	Power input	500VA
Power output	250W	Power output	360W
Capacity:		Capacity	
R1:100ml×4	R2:10ml×20	R1:250ml×4	R2:10ml×36
*R3:15ml×16	*R4:50ml×8	*R3:50ml×8	*R4:5ml×68
Time range	0-99min	Time range	0-99min
Weight	28.5kg	Weight	46.5kg
Dimensions:		Dimensions	
395(w)×470(d)×310(h)mm		480(w)×530(d)×410(h)mm	
Regulation	stepless indication	Regulation	stepless indication





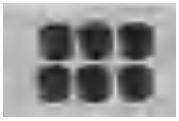
It is controlled by ineverter, driven bu AC motor.It can be operated conveniently. It has the function of self-balance .It is safe and reliable beacause of being equipped with elecronic lock.It can satisy the requirements to separate diffreent liquids in thhe fields of blood bank foodstuff sanitation,biochemistry,lab,medical and biological products and so on

Time range	0min-99min
Power	220V 50Hz 400W
Dimensions	460x510x680mm(LxWxH)
Weight	90kg
Max.speed	5000rpm
Max.RCF	5000xg
Capacity	250mlx4/ 50mlx8





Max.speed:4000rpm
Capacity:500mlx6,
50mlx24,10mlx72,
15mlx42,7mlx72,
5mlx72
Max.RCF:3776xg



Max.speed:4000rpm
Capacity:6mlx186
Max.RCF:3776xg



Max.speed:3500rpm
Capacity:192wells
Max.RCF:1400xg

Driven by brushless inverter motor, controlled by microcomputer, displayed on LCD, it has the features of high separate efficiency, steady running, and easy setting, low noise. Electromagnetic locks can lockup the lid while the instrument is running. It is an ideal equipment for large volume and multi-tubes separation in tests of radio-immunity, biochemistry, medicine, hospital.

Timer range	0min-99min
Noise	<65dB
Power	220V 50Hz 750W
Dimensions	550x720x430mm(LxWxH)
Weight	55kg





Max.speed:5000rpm
Capacity:250mlx4,
50mlx8,10mlx36,
15mlx16,7mlx36,
5mlx36
Max.RCF:4500xg



Max.speed:5000rpm
Capacity:6mlx96
Max.RCF:4500xg



Max.speed:3500rpm
Capacity:192wells
Max.RCF:1400xg

Driven by brushless inverter motor, controlled by computer-chip, it can run steadily and precisely, featured of LCD screen display and easy setting of parameters, self-balance and safety. Electromagnetic locks can lockup the lid while the instrument is running. It meets high precise separate requirements in hospital, radio-immunity, clinic tests, lab, etc.

Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	400w
Timing range	100-5000rpm
Rotate speed precision	<±20rpm
Temperature rise	<5
Dimensions	470x610x420mm(LxWxH)
Weight	35kg



ML25



Max.speed:4000rpm
Capacity:500mlx4,
50mlx8,10mlx48,
100mlx4,15mlx28,
5mlx48
Max.RCF:3776xg



Max.speed:3500rpm
Capacity:192wells
Max.RCF:1400xg

Driven by inverter motor, control by chip and displayed on LCD, it is featured of steady running, self-balance, safety and reliability. It can be used in producers of research units in the fields of radio-immunity , medicine, blood, etc.

Timer range	0min-99min
Noise	<67dB
Power	220V 50Hz400W
Dimensions	460x550x680mm(LxWxH)
Weight	70kg



ML26



Max.speed:5000rpm
Capacity:250mlx4,
50mlx8,15mlx16,
10mlx36
Max.RCF:4500xg



Max.speed:5000rpm
Capacity:6mlx96
Max.RCF:4500xg

Driven by inverter motor, controlled by computer-chip, displayed on LCD, it is featured of steady running, self-balance, safety and reliability, it can be used to separate different liquids in blood banks, biology and foodstuff engineering, or in labs.

Timer range	0min-99min
Noise	<67dB
Power	220V 50Hz400W
Dimensions	460x550x680mm(LxWxH)
Weight	70kg



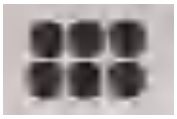
ML27



Max.speed:5000rpm
Capacity:500mlx6,
50mlx24,10mlx72,
15mlx42,7mlx72,
5mlx72
Max.RCF:6000xg

Driven by brushless inverter motor, controlled by microcomputer, displayed on LCD, it has the features of high separate efficiency, steady running, and easy setting, low noise, safety and reliable because electromagnetic locks can lockup the lid while the instrument is running. It is ideal for large volume and multi-tubes separation in the fields of radio-immunity, biochemistry, medicine, hospital.

Timer range	0min-99min
Noise	<72dB
Power	220V 50Hz
Circcity power	750w
Timing range	100-4000rpm
Rotate speed precision	<±500rpm
Temperature rise	<5℃
Dimensions	460x650x680mm(LxWxH)
Weight	85kg



Max.speed:5000rpm
Capacity:6mlx186
Max.RCF:6000xg



Max.speed:3500rpm
Capacity:192wells
Max.RCF:1400xg

LOW SPEED REFRIGERATE CENTRIFUGES



ML28



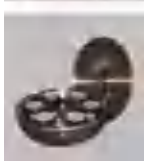
Max. speed:8000r/min
Capacity:10ml×12
Max. RCF:5821×g



Max. speed:8000r/min
Capacity:50ml×6
Max. RCF:7012×g



Max. speed:8000r/min
Capacity:100ml×6
Max. RCF:8014×g



Max. speed:4000r/min
Capacity:500ml×6,
50mlx24,10mlx72,
15mlx42,7mlx72,5mlx72
Max. RCF:3600×g

Low-speed refrigerate centrifuge is controlled by computer chip and driven by inverter motor,refrigerate system is Tecumseh made in France.It has the advantages of high separating rate,steady running,low noise precise temperature control .Electronic locks can automatically shen the centrifuge is running.It is used in tests of high separating rate,low temperature sample test such asce ll,gene,hormone,protein,chloroplast,etc

Temperature range	-5℃ -30℃
Temperature accuracy	±2℃
Timer range	0min-99min
Noise	<72dB
Power	220V 50Hz
Circcity power	2.5kw
Rotate speed precision	<±50rpm
Dimensions	580x680x845mm(LxWxH)
Weight	140kg



ML29



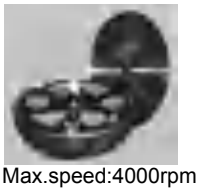
Max.speed:6000rpm
Capacity:500mlx4,
50mlx16,
10mlx48,
15mlx28,
7mlx48,
5mlx48
Max.RCF: 7310xg

The model is mainly used in biology,medicine,radio-immunity,chemistry,petrochemistry,and clinic research.It is featured of different size and shape also ha high strength protection shell,and self-balance, over-speed,over-temperature protection,Refrigerate system and communication device are imported.

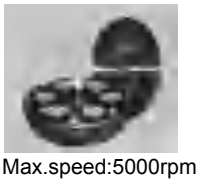
Temperature range	-5℃ -30℃	Temperature accuracy	±2℃
Timer range	0min-99min	Noise	<72dB
Power	220V 50Hz	Circcity Power	2.5kw
Dimensions	610x650x845mm(LxWxH)		
Weight	150kg		



ML30



Max.speed:4000rpm
Capacity:1200mlx6
Max.RCF: 7310xg



Max.speed:5000rpm
Capacity:500mlx6,
50mlx24,10mlx72,
15mlx42,7mlx72,
5mlx72
Max.RCF: 6000xg

Use French Tecumseh compressor system to refrigerate,driven by inverter motor, and control by microcomputer,LCD displayed,it has the advantages of long service life,good separate efficiency,easy parameters setting, steady running, low noise,precise temperature control.While running,the electromagnetic locks lockup th lid it is ideal for large volume and low temperature separation of radio-immunity,biological stuff,blood goods,chemical stuffin hospital,lab,producers and research institute

Temperature range	-5℃ -30℃	Temperature accuracy	±2℃
Timer range	0min-99min	Noise	<72dB
Power	220V 50Hz	Circctiy Power	3kw
Dimensions (LxWxH)	710x810x920mm	Weight	230kg



ML31



Max.speed:4000rpm
Capacity:500mlx6,
50mlx24,10mlx72,
15mlx42,
Max.RCF: 3800xg



Max.speed:4000rpm
Capacity:6mlx186
Max.RCF: 3776xg



Max.speed:3500rpm
Capacity:192wells
Max.RCF: 1500xg

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, easy parameters setting, steady running, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid making it safe and reliable.
The model is widely used in biochemical, pharmaceutical, agricultural workplace, blood bank, biological producer and research institute. It is an ideal equipment of liquid separation and disposition.

Temperature range	-5℃ -30℃
Temperature accuracy	±2℃
Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz 2.5kw
Dimensions	580x680x845mm(LxWxH)
Weight	140kg



ML32



Max.speed:5000rpm
Capacity:250mlx4,
50mlx8,10mlx36,
100mlx4,7mlx28
15mlx42,5mlx36
Max.RCF: 5000xg



Max.speed:5000rpm
Capacity:6mlx96
Max.RCF: 5000xg

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy set of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid.
It is an ideal liquid separation equipment for hospital, and radio-immunity, biochemical, agricultural, pastoral, medical research institute.

Temperature range	-5℃ -30℃
Temperature accuracy	±2℃
Timero range	0min-99min
Noise	<67dB
Power	220V 50Hz
Circctiy Power	1.5kw
Dimensions	500x590x780mm(LxWxH)
Weight	90kg



ML33



Max. speed:4000r/min
Capacity:6ml×148
Max. RCF:3000×g



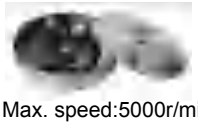
Max. speed:5000r/min
Capacity:7ml×18,5mlx18
Max. RCF:4000×g

Use French Tecumseh compressor system to refrigerate,driven by inverter motor,and control by microcomputer,displayed on LCD,it has the advantages of long service life,good searate efficiency,easy parameters setting,steady running,low noise,precise temperature control.While running,the electromagnetic locks lockup the lid making it safe and reliable.It is used in multi-tubes separation in area of radio-immunity,biochemistry,medicine and hospital.

Temperature range	-5-30,
Temperature accuracy	±2
Time range	0min-99min
Noise:<67dB	Power :220V 50Hz
Circcity power	1.5kw
Timing range	100-5000rpm
Rotate speed precision	<±50rpm
Dimensions	500×590×780mm(L×W×H)
Weight	90kg



ML34



Max. speed:5000r/min
Capacity:250ml×4
Max. RCF:5000×g



Max. speed:4000r/min
Capacity:6ml×96
Max. RCF:5635×g





ML35



Max. speed:5000r/min
Capacity:7ml×18,5mlx18
Max. RCF:4000×g



Max. speed:4000r/min
Capacity:6mlx148
Max. RCF:3000×g

It is controlled by inverter, driven by AC motor. It can be operated conveniently. It has the function of self-balance. It is safe and reliable because of being equipped with electronic lock.It can satisfy the requirements to separate different liquids in the fields of blood bank, foodstuff sanitation, biochemistry, lab, medical and biological products and so on.

Temperature range	-5 -30	Temperature accuracy	±2
Timer range	0min-99min	Noise	<72dB
Power	220V 50Hz 1.5kw		
Dimensions	460x510x680mm	Weight	108kg

It uses French Tai Kon refrigerate system, driven by brushless frequency converter AC motor, microcomputer controlled, special assembled shock damper, automatic closer, ensuring the smooth running, low noise, accurate temperature control. It is featured of long life expectation, high separate efficiency, safe and reliable.It is suitable for polysiphonous separation in the fields of radio-immunity, biochemistry, medicine, hospitals.

Temperature range	-5 -30	Temperature accuracy	±2
Timer range	0min-99min	Noise	<65dB
Power	220V 50Hz 1.5kw		
Dimensions	500x540x680mm	Weight	130kg



ML36



Max. speed:4000rpm
Capacity:500ml×6
Max. RCF:3600×g



Max. speed:3500rpm
Capacity:192wells
Max. RCF:1500×g



ML37



Max. speed:5000rpm
Capacity:250ml×4
Max. RCF:5000×g



Max. speed:4000rpm
Capacity:6ml×96
Max. RCF:5635×g





It is specially structured, uses French Tai Kon refrigerate system, driven by brushless frequency converter AC motor, microcomputer controlled, special assembled shock damper, automatic closer, to ensure the smooth running, low noise, accurate temperature control. It is featured of long life expectation, high separate efficiency, safe and reliable.It is in common use for sample separation in biochemistry, medical, agronomy, foodstuff sanitation. It is an ideal instrument for hospitals, labs, scientific research institutes, producers.

Temperature range	-5 -30	Temperature accuracy	±2
Timer range	0min-99min	Noise	<67dB
Power	220V 50Hz 2.5kw		
Dimensions	610x650x845mm	Weight	140kg

It is specially structured, uses French Tai Kon refrigerate system, driven by brushless frequency converter AC motor, microcomputer controlled, special assembled shock damper, automatic closer, to ensure the smooth running, low noise, accurate temperature control. It is featured of long life expectation, high separate efficiency, safe and reliable.It can be used to separate, precipitate and concentrate liquor in the fields of radio-immunity, biochemistry, agronomy, medicine for hospitals and scientific research institutes.

Temperature range	-5 -30	Temperature accuracy	±2
Timer range	0min-99min	Noise	<72dB
Power	220V 50Hz 1.5kw		
Dimensions	460x510x680mm	Weight	108kg



ML38







Max. speed:6000rpm
Capacity:500ml×4
Max. RCF:7500×g

It is specially structured, uses French Tai Kon refrigerate system, driven by brush-less frequency converter AC motor, microcomputer controlled, special assembled shock damper, automatic closer, to ensure the smooth running, low noise, accurate temperature control. It is featured of long life expectation, high separate efficiency, safe and reliable.
It can be used to separate, precipitate and concentrate the sample such as blood, biologic production, radio-immunity sample, chemistry production and so on for the units such as hospital, lab, scientific research institutes and producers.

Temperature range	-5 -30
Temperature accuracy	±2
Timer range	0min-99min
Noise	<72dB
Power	220V 50Hz 2.5kw
Dimensions	610x650x845mm(LxWxH)
Weight	140kg

MICRO-BLOOD CENTRIFUGE



ML39



ML40



ML41

ML39 Technical date

Main power	220V±10% 50Hz
Max. speed	12000r/min
Max. RCF	15300×g
Type of rotor	swing-out
Power input	230VA
Power output	100W
Capacity	24 pcs capillary Φ1.5mm
Starting Time	<1min
Braking Time	<2min
Time range	0min-10min
Weight	11.5kg
Dimensions	270(w)×310(d)×280(h)mm
Regulation	step (11000r/min,12000r/min)

MO40 Technical date

Main power	220V±10% 50Hz
Max. speed	12000r/min
Max. RCF	15300×g
Type of rotor	swing-out
Power input	350VA
Power output	250W
Capacity	24 pcs capillary Φ3mm
Starting Time	<1min
Braking Time	<2min
Time range	0min-99min
Weight	11.5kg
Dimensions	265×290×200mm
Regulation	stepless indication



Max. speed:12000rpm
Capacity:24pcs

It is controlled by microcomputer. It has a wide range of speed, and it also can run precisely. It is suitable for the work of determining blood cell specific volume exactly, it can be also used to separate minim blood and suspension.

Timer range	0min-60min
Power	220V 50Hz 250w
Dimensions	300x300x300mm(LxWxH)
Weight	15kg



ML42

Max. speed:12000rpm
Capacity:24pcs

Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	250w
Timing range	100-12000rpm
Rotate speed precision	<±50rpm
Temperature rise	<6℃
Dimensions	350x450x310mm(L*W*H)
Weight	22kg

HIGH-SPEED CENTRIFUGE



ML43

Main power	220V±10% 50Hz		
Type of rotor	flexed angle rotor45°		
Power input	350VA	Power output	250W
Max. speed	14000r/min	Max. RCF	17530×g
Rotor code	--	Capacity	1.5ml×24
Starting Time	<1.5min	Braking Time	<1.5min
Time range	0-99min	Weight	13.5kg
Dimensions	283(w) ×335(d) ×265(h)mm		
Regulation	stepless indication		



ML44

Main power	220V±10% 50Hz	Type of rotor	flexed angle rotor45°
Power input	350VA	Power output	250W
Max. speed	16000r/min	16000r/min	14000r/min
Max. RCF	16880×g	15740×g	14500×g
Rotor code	R1	*R2	*R3
Capacity	1.5ml×12	0.5ml×18	5ml×10
Starting Time	<1.5min	Braking Time	<1.5min
Time range	0-99min	Weight	12.5kg
Dimensions	283(w) ×335(d) ×265(h)mm		
Regulation	stepless indication		



ML45



Max. speed:12000rpm
Capacity:2ml×24
Max. RCF:12700×g



Max. speed:12000rpm
Capacity:0.5ml×48
Max. RCF:12800×g

The motor power is enlarged. It runs under the control of microcomputer and use electronic lock to guarantee security. So this instrument has the advantages such as large capacity, low noise, safe, and can be operated conveniently.

Motor Power	370W
Noise	<70dB
Timer range	0min-60min
Power	220V 50Hz 250W
Dimensions	350x390x350mm(LxWxH)
Weight	20kg



ML46



Max. speed:16000rpm
Capacity:1.5ml×12
Max. RCF:17000×g



Max. speed:16000rpm
Capacity:7ml×8
Max. RCF:18600×g

The series of centrifuge have the advantages of small cubage, low noise, beautiful appearance. The frame is made of high strength plastic. They are controlled by microcomputer and driven by inverter motor, and can be operated simply and conveniently. It is safe and reliable because of being equipped with electronic lock. It can be used for the experiments and analysis in fields of biology, medicine, agriculture and so on. Especially in the research of inherit gene, albumen acid.

Timer range : 0min-60min
Power:220V 50Hz 250W
Dimensions:330x300x300mm(LxWxH)
Weight:15kg



ML47



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



Max. speed:80000rpm
Capacity:50ml×6
Max. RCF:7012×g

It centrifuges are driven by frequency converter AC motor, the structures are reasonable and compact. They have the features of small volume, special structure, beautiful appearance, low noise in high speed, low temperature rise, and high separation efficiency. These instruments are controlled by microcomputer, operation is simple and easy. They also have electronic locks, to make it safe and reliable.They are applicable to the experiments of analysis in the fields such as biology, medicine and agriculture, especially applicable to research work of genetics and nucleoprotein.

Timer range	0min-99min	Noise	<70dB
Power	220V 50Hz 400W		
Dimensions	500x540x570mm	Weight	47kg



Max. speed:6000rpm
Capacity:100ml×4
Max. RCF:3823×g



ML48

It centrifuges are driven by frequency converter AC motor, the structures are reasonable and compact. They have the features of small volume, special structure, beautiful appearance, low noise in high speed, low temperature rise, and high separation efficiency. These instruments are controlled by microcomputer, operation is simple and easy. They also have electronic locks, to make it safe and reliable. They are applicable to the experiments of analysis in the fields such as biology, medicine and agriculture, especially applicable to research work of genetics and nucleoprotein.

Timer range	0min-99min
Noise	<70dB
Power	220V 50Hz 400W
Dimensions	500x540x570mm
Weight	47kg



Max. speed:20000rpm
Capacity:1.5ml×12
Max. RCF:24596×g



Max. speed:15000rpm
Capacity:5ml×12
Max. RCF:15093×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



Max. speed:8000rpm
Capacity:50ml×6
Max. RCF:7012×g



ML49

HIGH SPEED DESD DESK-TOP CENTRIFYGE

Timer range	0min-99min
Noise	<72dB
Power	220V 50Hz
Circcity power	400w
Timing range	100-20000rpm
Rotate speed precision	<±50rpm
Temperature rise	<6℃
Dimensions	400x530x380mm(LxWxH)
Weight	25kg



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8950×g



Max. speed:20000rpm
Capacity:2ml×12,
1.5mlx12
Max. RCF:28000×g



Max. speed:15000rpm
Capacity:5ml×12
Max. RCF:15345×g



Max. speed:12000rpm
Capacity:2ml×18,
1.5mlx12
Max. RCF:8694×g



ML50



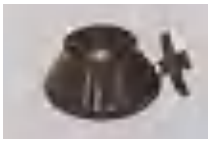
Max. speed:10000rpm
Capacity:2ml×12,
1.5mlx12
Max. RCF:6037×g



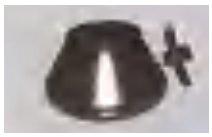
Max. speed:10000rpm
Capacity:5ml×12
Max. RCF:6820×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8950×g



Max. speed:8000rpm
Capacity:50ml×6
Max. RCF:7012×g



Max. speed:6000rpm
Capacity:100ml×4
Max. RCF:3824×g

HIGH SPEED DESK-TOP CENTRIFUGE

Timer range	0min-99min
Noise	<72dB
Power	220V 50Hz
Circcity power	400w
Dimensions	400x530x380mm(LxWxH)
Weight	25kg

Max. speed:
18000rpm
Capacity:
1.5ml×12
Max. RCF:
21000×g





ML51

This series centrifuges use inverter motor, its speed range is 300rpm to 18000rpm. Small volume, smart appearance, low noise at high speed, the temperature in centrifugal room only rises a little when it is running. It is controlled by microcomputer and driven by inverter motor, can be operated simply and conveniently. It is safe and reliable because of being equipped with electronic locks.It can be used in the fields of biology, chemistry, medicine, foodstuff, environment protection and so on.

Timer range	0min-99min	Noise	<70dB
Power	220V 50Hz	Circcity power	250w
Timing range	100-18000rpm		
Rotate speed precision	<±50rpm		
Temperature rise	<6℃		
Dimensions	350x450x310mm(LxWxH)	Weight	22kg





ML52

Max. speed:18000rpm
Capacity:1.5ml×12,
5mlx10
Max. RCF:21000×g

Time range	0min-99min
Noise	<70dB
Power	220V 50Hz
Circcity power	250w
Timing range	100-18000rpm
Rotate speed precision	<±50rpm
Temperature rise	<6℃
Dimensions	350×450×310mm(L×W×H)
Weight	22kg



ML53a

This series centrifuges use inverter motor, its speed range is 300rpm to 18000rpm. Small volume, smart appearance, low noise at high speed, the temperature in centrifugal room only rises a little when it is running. It is controlled by microcomputer and driven by inverter motor, can be operated simply and conveniently. It is safe and reliable because of being equipped with electronic locks.It can be used in the fields of biology, chemistry, medicine, foodstuff, environment protection and so on.

Timer range	0min-99min	Noise	<70dB
Power	220V 50Hz		
Circcity power	250w		
Timing range	100-18000rpm		
Rotate speed precision	<±50rpm		
Temperature rise	<6℃		
Dimensions	350x450x310mm		
Weight	22kg		



Max. speed:18000rpm
Capacity:1.5ml×12
Max. RCF:21000×g



ML53b

Max. speed:12000rpm
Capacity:2ml×24,
0.5mlx48
Max. RCF:12900×g

The motor power is enlarged.It run under the control of inverter and use electronic lock to guarantee security.So this intrument has the advantages such as large capacity,low onise,safe and can be operated conveniently.
Timer range:0min-99min
Power:220V 50Hz 250W
Dimensions:350x450x310mm(LxWxH)
Weight:22kg

HIGH-SPEED AND REFRIGERATED CENTRIFUGE





ML54

Main power	220V±10% 50Hz				
Type of rotor	flexed angle rotor45°				
Power input	600VA				
Rotor code	R1	*R2	*R3	*R4	*R5
Capacity	1.5ml×12	1.5ml×24	50ml×6	5ml×12	10ml×12
Max. speed	18000r/min	15000r/min	10000r/min	15000r/min	12000r/min
Max. RCF	21300×g	20600×g	10500×g	18600×g	13000×g
Program setting	5				
Speed-up rate	3				
Speed-down rate	4				
Time range	0-9hours59min				
Weight	60kg				
Dimensions	740(w) ×390(d) ×380(h)mm				
Regulation	stepless indication				



ML55

The reliable drive unit can reach maximum speed of 32000rpm, and RCF of 65000*g in short time. Through the use of chip and inverter, it can control the speed steadily and precisely; speed, time, temperature can be set. Automatic locks, touch screen setting, pre-refrigerate system are important features of the model. A series of fixed angle and horizontal rotors are compatible.

Temperature range	-5 -30
Temperature accuracy	±2
Timer range	0min-99min
Noise	<75dB
Power	220V 50Hz3KW
Dimensions	650x710x915mm
Weight	180kg



ML56

The efficient and compact driving unit can get the max speed of 38000rpm, and RCF of 70000*g. Controlled by computer via inverter, the system are reliable, steady, precise and quick-responded. Safe locks, touch screen setting, pre-refrigerate system, easy maintenance of it. A series of fixed angle and horizontal rotors are compatible.

Temperature range	-5 -30
Temperature accuracy	±2
Timer range	0min-99min
Noise	<75dB
Power	220V 50Hz2.5KW
Dimensions	500x590x780mm
Weight	105kg



Max. speed:32000rpm
Capacity:1.5ml×24
Max. RCF:67545×g



Max. speed:16000rpm
Capacity:50ml×6
Max. RCF:28621×g



Max. speed:24000rpm
Capacity:10ml×12
Max. RCF:52805×g



Max. speed:16000rpm
Capacity:100ml×6
Max. RCF:30151×g



Max. speed:20000rpm
Capacity:15ml×8
Max. RCF:40284×g



Max. speed:10000rpm
Capacity:250ml×6
Max. RCF:15200×g



Max. speed:18000rpm
Capacity:30ml×6
Max. RCF:28617×g



Max. speed:38000rpm
Capacity:1.5ml×24
Max. RCF:70000×g



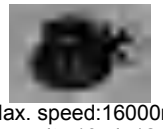
Max. speed:30000rpm
Capacity:5ml×10
Max. RCF:58360×g



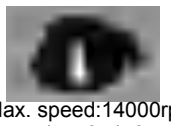
Max. speed:30000rpm
Capacity:7ml×10
Max. RCF:58360×g



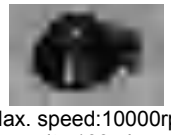
Max. speed:5000rpm
Capacity:80wells
Max. RCF:2584×g



Max. speed:16000rpm
Capacity:10ml×12
Max. RCF:32600×g



Max. speed:14000rpm
Capacity:50ml×6
Max. RCF:22050×g



Max. speed:10000rpm
Capacity:100ml×4
Max. RCF:15080×g



ML57

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, easy setting of parameters, steady running, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid.It is an ideal liquid separation equipment for hospital, and radio-immunity, biochemical, agricultural, pastoral, medical research institute.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<75dB
Power:220V 50Hz 3KW
Dimensions:650x710x915mm
Weight:180kg



Max. speed:21000rpm
Capacity:5ml×12
Max. RCF:45200×g



Max. speed:20000rpm
Capacity:7ml×18
Max. RCF:45000×g



Max. speed:16000rpm
Capacity:10ml×16
Max. RCF:36085×g



Max. speed:16000rpm
Capacity:15ml×12
Max. RCF:37206×g



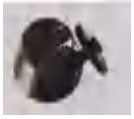
Max. speed:16000rpm
Capacity:50ml×6
Max. RCF:28621×g



Max. speed:15000rpm
Capacity:100ml×6
Max. RCF:23008×g



Max. speed:10000rpm
Capacity:250ml×6
Max. RCF:15746×g



Max. speed:6000rpm
Capacity:500ml×6
Max. RCF:7003×g



ML58

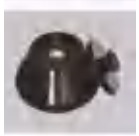
Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid making it safe and reliable.It is an ideal liquid separation equipment for hospital, and radio-immunity, biochemical, agricultural, pastoral, medical research institute.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<75dB
Power:220V 50Hz3KW
Dimensions:650x710x915mm
Weight:180kg



Max. speed:21000rpm
Capacity:5ml×12
Max. RCF:45200×g



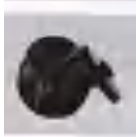
Max. speed:20000rpm
Capacity:7ml×18
Max. RCF:45000×g



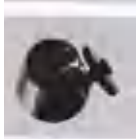
Max. speed:16000rpm
Capacity:10ml×16
Max. RCF:36085×g



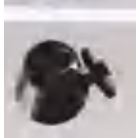
Max. speed:16000rpm
Capacity:15ml×12
Max. RCF:37206×g



Max. speed:16000rpm
Capacity:50ml×6
Max. RCF:28621×g



Max. speed:15000rpm
Capacity:100ml×6
Max. RCF:23008×g



Max. speed:10000rpm
Capacity:250ml×6
Max. RCF:15746×g



ML59

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid making it safe and reliable.It is widely used in the high separate and low temperature tests of biochemistry, gene, medicine.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<75dB
Power:220V 50Hz1.5KW
Dimensions:500x590x780mm
Weight:85kg



Max. speed:20000rpm
Capacity:2ml×12,
1.5mlx12
Max. RCF:26400×g



Max. speed:20000rpm
Capacity:5ml×12
Max. RCF:25938×g



Max. speed:16000rpm
Capacity:10ml×12
Max. RCF:22897×g



Max. speed:13000rpm
Capacity:15ml×8
Max. RCF:24568×g



Max. speed:12000rpm
Capacity:50ml×6
Max. RCF:21475×g



Max. speed:10000rpm
Capacity:100ml×4
Max. RCF:10285×g



ML60

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid making it safe and reliable.It is widely used in the high separate and low temperature tests of blood, nucleic acid , hormone, virus, etc.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<72dB
Power:220V 50Hz1.5KW
Dimensions:500x590x780mm
Weight:80kg



Max. speed:16000rpm
Capacity:1.5ml×12
Max. RCF:15742×g



Max. speed:12000rpm
Capacity:1.5ml×18
Max. RCF:9982×g



Max. speed:12000rpm
Capacity:5ml×12
Max. RCF:11300×g



Max. speed:10000rpm
Capacity:7ml×12
Max. RCF:9503×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



Max. speed:6000rpm
Capacity:80wells
Max. RCF:4025×g



ML61

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid making it safe and reliable. It is an ideal equipment for separation of nucleoprotein, hormone and virus in research institutes of biological, chemistry, medical, genetic or agronomic fields and hospital.
Temperature range:-5 -30
Temperature accuracy: ±2
Timer range:0min-99min
Noise:<70dB
Power:220V 50Hz1.5KW
Dimensions:500x590x780mm(LxWxH)
Weight :85kg



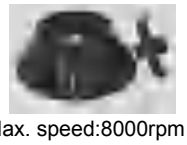
Max. speed:12000rpm
Capacity:5ml×12
Max. RCF:11300×g



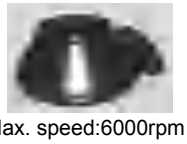
Max. speed:12000rpm
Capacity:10ml×12
Max. RCF:12897×g



Max. speed:10000rpm
Capacity:15ml×8
Max. RCF:8840×g



Max. speed:8000rpm
Capacity:50ml×6
Max. RCF:7012×g



Max. speed:6000rpm
Capacity:100ml×4
Max. RCF:3824×g

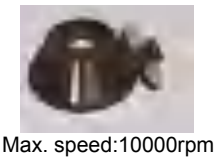


ML62

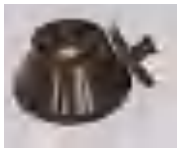
Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, LCD displaying, it has the advantages of long service life, good separate efficiency, easy setting of parameters, steady running, low noise, precise temperature control. While running, the electromagnetic locks lockup the cover, securing safe and reliable running. Appropriate for separate, deposit, consecrate biological stuff, blood, chemical stuff, and radio-immunity in hospital, lab, producer and research institute.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<70dB
Power:220V 50Hz1.5KW
Dimensions:500x590x780mm(LxWxH)
Weight:85kg



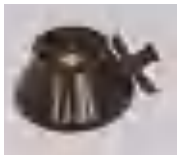
Max. speed:10000rpm
Capacity:5ml×12
Max. RCF:11000×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:12897×g



Max. speed:10000rpm
Capacity:50ml×6
Max. RCF:10957×g



Max. speed:8000rpm
Capacity:100ml×6
Max. RCF:6628×g



ML63

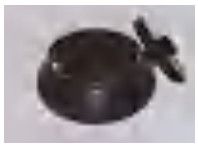
Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, displayed on LCD, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control. While running, the electromagnetic locks lockup the lid.It is suitable for low temperature and high rate separation, especially in biochemical, genetic, medical experiments.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<75dB
Power:220V 50Hz1.5KW
Dimensions:540x670x450mm(LxWxH)
Weight:70kg



Max. speed:20000rpm
Capacity:2ml×12,1.5mlx12
Max. RCF:24200×g



Max. speed:16000rpm
Capacity:5ml×12
Max. RCF:28160×g



Max. speed:12000rpm
Capacity:2ml×18,1.5mlx18
Max. RCF:9984×g



Max. speed:12000rpm
Capacity:10ml×12
Max. RCF:12897×g



ML64

Use French Tecumseh compressor system to refrigerate, driven by inverter motor, and controlled by microcomputer, LCD display, it has the advantages of long service life, good separate efficiency, steady running, easy setting of parameters, low noise, precise temperature control., The electromagnetic locks lockup the lid while running.
The model is widely applied in low temperature and high rate separation, such as cell, gene, hormone, protein, chloroplast experiments.
Temperature range:-5 -30
Temperature accuracy:±2
Timer range:0min-99min
Noise:<72dB
Power:220V 50Hz1.5KW
Dimensions:540x670x450mm(LxWxH)
Weight:70kg



Max. speed:16000rpm
Capacity:1.5ml×12
Max. RCF:15742×g



Max. speed:12000rpm
Capacity:1.5ml×18
Max. RCF:9982×g



Max. speed:12000rpm
Capacity:5ml×12
Max. RCF:11300×g



Max. speed:10000rpm
Capacity:7ml×12
Max. RCF:9503×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



Max. speed:6000rpm
Capacity:80wells
Max. RCF:4025 ×g



ML65



Max. speed:16000rpm
Capacity:0.5ml×12, 2mlx12
Max. RCF:15455×g



Max. speed:12000rpm
Capacity:2ml×24, 1.5mlx24
Max. RCF:9820×g

It uses French Tai Kon refrigerate system, driven by brushless frequency converter AC motor, micro-computer controlled. It is featured of long life expectation, accurate temperature control, high separate efficiency, safe and reliable.It can be used to separate small volume and high standard samples in low temperature the fields of biochemistry, genetics, medical and so on.
Temperature range: -5 -30
Temperature accuracy: ±2
Timer range:0min-99min,Noise:<75dB
Power:220V 50Hz1.5KW
Dimensions:500x540x780mm`Weight:72kg



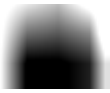
Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



ML66



ML67



Max. speed:16000rpm
Capacity:0.5ml×12, 2mlx12
Max. RCF:15455×g



Max. speed:12000rpm
Capacity:2ml×24, 1.5mlx24
Max. RCF:9820×g



Max. speed:10000rpm
Capacity:10ml×12
Max. RCF:8944×g



Max. speed:6000rpm
Capacity:80x2wells
Max. RCF:4025×g

Temperature range:-5℃-30℃
Temperature accuracy: ±2℃
Time range: 0min-99min
Noise:<75dB
Power:220V 50Hz 1.5KW
Dimensions: 500×540×780mm(L×W×H)
Weight : 72kg



Max. speed:4700rpm
Capacity:7ml×12
Max. RCF:2300×g

This kind of cell centrifuge, can be used to do erythrocyte-serum test, identify antigens and antibodies, and give other relative tests in immune hematology examination and research laboratories. It is a necessary equipment in blood banks, laboratories, medicine research organizations.
Timer range:0min-99min
Power :220V 50Hz 250W
Dimensions:200mmx260x260mm
Weight:16kg

ELECTRIC SUCTION APPARATUS

Diaphragm Type Electric Suction Apparatus
It is designed especially for draining purulent blood and other phlegmatic seceretion on operation room and emergency room in hospital.
1.The diaphragm type pump in the aspirator is large in capacity,efficient and needs no lubricating.
2.The pump runs practically with minimum noise.
3.The suction bottle provides automatic over-flow cut-off system preventing liquid from flowing back into the pump.
4.It can be started and kept runing at the maximum negative pressure. (≥0.09MPa)
5.The unit has an ideal volume of suction capacity.the vacuum pressure can be controlled optionally from 0.02-0.09MPa(150-680mmHg).
6.Due to the reasonable arrangement and appropriate height it allows the operator to observe and examine from all direction.
7.It is simple to operate and easy to carry.
Specifications
1.Max Vacuum:≥0.09MPa(680mmHg)
2.Free airflow:≥20L/min(in pump exit:≥30L/min)
3.Liquid storage bottle:2500ml×2
4.Power supply:AC220V±10%,50Hz
5.Input:380VA
6.Dimemsion:530mm×480mm×890mm
7.G.W.:33kg



MM1

Electirc Suction Apparatus,a powerful secretion suction unit,is designed especially to meet high demands in hospitals and doctor practice.
Features
1.Efficient single rotor vacuum pump with oil impregnated vanes is capable of a high flowrate and durability.
2.Pump runs practically with minimum noise.
3.Suction bottle provides automatic overflow cut off system.preventing liquid from flowing back into the pump.
4.The unit has an ideal volume of suction capacity,Vacuum pressure can be controlled optionally from 0.02 to 0.09 Mpa(150-680mmHg).
5.Due to the reasonable arrangement and appropriate height,it allows the operator to observe and examine from all directions.
6.The unit is simple to operate and easy to carry.
7.It is ideal for most in hospital applications.
Specifications
1.Max Vacuum:≥0.09MPa(680mmHg)
2.Free airflow:≥30L/min
3.Liquid storage bottle:2500ml×2
4.Power supply:AC220V±10%,50Hz
5.Input:280VA
6.Dimemsion:420mm×420mm×870mm
7.G.W.:29kg



MM2



MM3

Electric Suction Apparatus is a high performance suction pump,designed to satisfy the demand for surgical procedures requiring fast suction and large collection capacity, It has a compact construction specialized for minimal space requirement and easy transportation between facilities.
1.Efficent single rotor vacuum pump with oil impregnated vanes capable of prodcing a vacuum highter than 0.09MPa(680mmHg).and a suction flow more than 20 L/min.
2.Double 2500ml glass collection bottles to collect the sucked liquid,each of them calibrated in 100ml steps up.
3.Adjuster knob to regulate the precision vacuum gauge at the desired vacuum level form 0.02 to 0.09 Mpa(150-680mmHg).
4.No difficulty near or remote control as both hand-switch and foot-switch installed in parallet.
5.Ease in moving and storing by the casters and the foldable carrying handle.
6.Stability and durabiity.The unit is assured of long troublefree serving. With overflow protection and air filter.
1.Max Vacuum:≥0.09MPa(680mmHg) 2.Free airflow:≥20L/min(in pump exit:≥30L/min)
3.Liquid storage bottle:2500ml×2 4.Power supply:AC220V±10%,50Hz
5.Input:280VA 6.Dimemsion:380mm×370mm×480mm ,G.W.:19.5kg

Portable Suction Apparatus offers high vacuum and high flow with double piston cylinders. It rapidly builds up a powerful vacuum within seconds. It provides flexible and combinable container system to satisfy various applications in clinic.

FEATURES

1. Providing extremely efficient vacuum generation with maintenance- free and easy service.
2. The level of vacuum required is controlled by the vacuum regulator and showed on the vacuum meter.
3. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the bacterial filter for single use can eliminate airborne contamination.
4. Five kinds of jar configuration make it flexible to select ,all jars available, made of polycarbonate (PC), are transparent , unbreakable and autoclavable.
5. A novel exterior, small size and light weight make it easy and comfortable to carry about.

SPECIFICATIONS

1. Max.vacuum: 0.09 MPa (680 mmHg)
2. Adjustable vacuum range: 0.02 MPa-0.09 MPa
3. Flow rate: /32 L/min
4. Noise: ≤60 dB(A)
5. Jar: 2000 mL×1(standard configuration)
6. Power supply: ~220V610,%50Hz
7. Input power: 150 VA
8. G.W.: 7 kg
9. Dimension: 620mm× 264mm×420mm

SELECTIVE JAR CONFIGURATION

1000 mL×1,1000 mL×2,2000 mL×1,2000 mL×2,2000 mL,1000 mL



MM4

Electric Suction Apparatus,intended for extracting various mucus such as purulence,blood and phlegm from body cavity or wound in hospitals or center of social medical service,is a mobile suction unit with a high flow,high vacuum and a novel style.It can satisfy most demands in operating rooms. Wards and so on.

Features:

1.An oil-less vacuum pump,double piston cylinder with a high flow, high vacuum, the pump needs maintenance free.
2.Move smoothly and freely with a swing-type pull handle;the accessory-case for placing foot-switch and power supply wire makes it convenient for movement or storage.
3.Large-bore and large capacity bottles with stopper having sealing ring,easy to clean and to open or close.
4.Effective overflow protection device prevents liquid entering pump reliably.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces environmental polltion by bacterium from absorbed liquid.
7.Hand-switch and foot-switch installed in parallel can be selected at will.
8.Stability and durability ,low noise,safe and reliable to operate.

Specifications

1.Max.vacuum : ≥0.09MPa (680mmHg)
2.Adjustable vacuum Range : 0.02MPa - Max. Vacuum
3.Flowrate ≥30L/Min
4.Noise:≤60dB(A)
5.Storage bottle :2000mL+1000mL
6.Power supply : AC220V ±10% 50Hz
7.Input :150VA
8.G.W.: 16kg
Dimension :400mm×440mm×510mm



MM5



MM6

Electric Suction Apparatus,a high vacuum,high flow medical suction unit with a trolley-style absorbs varied mucus rapidly from body cavity or wound to satisfy most demands in operation rooms,wards and so on.

1.A oil-impregnated vanes pump,Large-bore bottle,transparent hoses and unique connections,unit case made of engineering plastics,external appearance novel,structure reasonable.
2.Two-stage overflow protection devices prevent liquid entering pump effectively; Air filter equipped reduces bacterium in absorbed liquid to environamental pollution.
3.compact,light weight,put-and-pull smoothly,convenient to move.

Specifications

1.Max.Vacuum:≥0.09MPa(680mmHg) 2.Flowrate:≥30L/Min
3.Storage bottles:2500ml×2 4.Vacuum Adjustable Range:0.02Mpa,Max.vacuum
5.Noise:≤60dB(A) 6.Power supply:-220V±10%,50Hz
7.Input:280VA 8.Dimemsion:460mm×390mm×510mm
9.G.W.:19.5kg

Electric Suction Apparatus,with a trolley-style is a beauty,high vacuum,high flow medical suction unit.It is able to absorb varied mucus rapidly from body ,cavity or wound,to satisfy most demands in opertion rooms,wards and so on.

1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.Move smoothly and freely with pull handle,human-machine designing,structure of novelty.
3.Large-bore bottles made of PC plastics with high quality,convenient to clean,using safely.
4.Effective overflow protection device prevents liquid entering pump reliably.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces environmental polltion by bacterium from absorbed liquid.
7.Hand-switch and foot-switch installed in parallel can be selected at will.
8.Stability and durability ,low noise,safe and reliable to operate.

Specifications

1.Max.vacuum : ≥0.09MPa (680mmHg)
2.Adjustable vacuum Range : 0.02MPa - Max. Vacuum
3.Flowrate ≥30L/Min
4.Noise:≤60dB(A)
5.Storage bottle :2000mL+1000mL
6.Power supply : AC220V ±10% 50Hz
7.Input :150VA
8.G.W.: 14.5kg
Dimension :400mm×360mm×600mm



MM7

Large Flow Aspirator is a novel modeling,high vacuum,high flow,and transportable medical suction unit.It is able to absorb varied mucus rapidly from body cavity or wound,especially suitable for use in high capacity suction case.

1.Maintenance free,double piston cylinder,oil-less pump,and high flow rate,without pollution by oil mist.
2.The bottles hung beside the stand,easy to observe and operate.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absored liquid to environmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,high capacity,easy to use.

Specifications

1.Max Vacuum:≥0.09MPa(680mmHg)
2.Free air flow:≥40L/min
3.Liquid storage bottle:3000ml×2
4.Vacuum adjustable range:0.02-0.09MPa(150-680mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC 220V±10%,50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:490mm×390mm×940mm
10.G.W.:29kg



MM8



MM9

Electric Suction Apparatus offers high vacuum and high flow with double piston cylinders. It rapidly builds up a powerful vacuum, and is especially used for surgical operations where large quantities of fluid must be suctioned out quickly. Advanced design idea as well as a perfect configuration performs satisfactory functions.

1. Providing extremely high flow and efficient vacuum generation - the required vacuum is available within seconds; oil-less vacuum source and maintenance -free.
2. The level of vacuum required is controlled by the vacuum regulator and showed on the vacuum meter.
3. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the bacterial filter for single use can eliminate airborne contamination.
4. Two transparent unbreakable jars graduated 4000 ml made of polycarbonate (PC) can be autoclavable.
5. Change-over valve offers for manual selecting collection jar rapidly; the rinsing-cup is used for placing catheter before or after operation.
6. The comfortable handle made of stainless make it easy to move about; the accessory-box back of the case is ready for laying foot-switch and power cord during movement or storage.

SPECIFICATIONS

1. Max.vacuum: /0.09 MPa (680 mmHg)
2. Adjustable vacuum range: 0.02 MPa-0.09 MPa
3. Flow rate: /80 L/min
4. Noise: ≤60 dB(A)
5. Jar : 4000 mL×2
6. Power supply: -220 V610%,50Hz
7. Input power: 280 VA
8. G.W.: 29 kg
9. Dim: 49 cm ×39 cm×94 cm



MM10

Electric Suction Apparatus is a novel designed,high vacuum,high flow,and medical suction unit with mobile stand.It is able to absorb varied mucus rapidly from body cavity or wound,to satisfy most demands in operating rooms,wards and so on.

Feature

1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.The bottles hung beside the unit,compact design,easy to carry.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,safe and reliable to operate.

Specifications

1.Max Vacuum:≥0.09MPa(680mmHg)
2.Free air flow:≥30L/min
3.Liquid storage bottle:2500ml×2
4.Vacuum adjustable range:0.02-0.09MPa(150-680mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC 220V±10%,50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:585mm×385mm×400mm
10.G.W.:13kg



MM11a MM11b

DIAPHRAGM TYPE ELECTRIC SUCTION APPARATUS

It is designed especially for draining purulent blood and other phlegmatic secretion operation room and emergency room in hospital.

Features

The diaphragm type in the aspirator is large incapacity, efficient and needs no lubricating.
The pump runs practically with inumum noise.
The suction bottle provides automatic overflow cut off system preventing liquid from flowing back into the pump.
It can be started and kept running at the maximum negative pressure. (≥0.09Mpa)
The unit has an ideal volume of suction capacity. The vacuum pressure can be controlled optionally from -0.02~0.08Mpa(-150~680mmHg)
Due to the reasonable arrangement and appropriate height it allows the operator to observe and examine from all directions. It is simple to operate and easy carry.

Specifications

1.Limit negative pressure:≥0.09Mpa(680mmHg)
2.Suction rate:≥30L/min
3.Noise level:≤55dB(A)
4.Liquid storage bottle:2500ml×2
5.Power supply:AC220V±10%,50Hz
6.Input:180VA
7.Dimensions:(A)450×390×850mm (B)450×390×850mm
GW:20Kg



MM12

LARGE FLOW ASPIRATOR

It is designed especially for draining purulent blood and other phlegmatic secretion on operation room and emergency room in hospital.

Features

1.The diaphragm type pump in the aspirator is large incapacity, efficient and needs no lubricating.
2.The pump runs practically with inumum noise.
3.The suction bottle provides automatic overflow cut off system preventing liquid from flowing back into the pump.
4.It can be started and kept running at the maximum negative pressure. (≥0.09Mpa)
5.The unit has an ideal volume of suction capacity. The vacuum pressure can be controlled optionally from -0.02~0.08Mpa(-150~680mmHg)
6.Due to the reasonable arrangement and appropriate height it allows the operator to observe and examine from all directions.
7.It is simple to operate and easy to carry.

Specifications

1.Limit negative pressure:≥0.09Mpa(680mmHg)
2.Suction rate:≥30L/min
3.Noise level:≤55dB(A)
4.Liquid storage bottle:2500ml×2
5.Power supply:AC220V±10%,50Hz
6.Input:180VA
7.Dimensions:460×420×510mm
8.GW:20Kg

LARGE FLOW ASPIRATOR

It is designed especially for draining purulent blood and other phlegmatic secertion on operation room and emergency room in hospital.

Features:

1.The diaphragm type pump in the aspirator is large incapacity, efficient and needs no lubricating.
2.The pump runs practically with inumum noise.
3.The suction bottle provides automatic overflow cut off system preventing liquid from flowing back into the pump.
4.It can be started and kept running at the maximum negative pressure.(≥0.09Mpa)
5.The unit has an ideal volume of suction capacity. The vacuum pressure can be controlled optionally from -0.02~0.08Mpa(-150~680mmHg)
6.Due to the reasonable arrangement and appropriate height it allows the operator to observe and examine from all directions.
7.It is simple to operate and easy to carry.

Specifications

1.Limit negative pressure:≥0.09Mpa(680mmHg)
2.Suction rate:≥45L/min
3.Noise level:≤55dB(A)
4.Liquid storage bottle:2500ml×2
5.Power supply:AC 220V±10%, 50Hz
6.Input:180VA
7.Dimensions:460×420×510
8.GW:20Kg



MM13



MM14

electric suction apparatus
Adopting oil-free piston pump
Clean-without pollution of oil and smoke
Convenient-no need add oil to maintain daily
Safe-no plus pressure during using
No flow backwards pressure when the machine stops, so the liquid won't flow backwards
type of electric suction apparatus adopts completely plastic panel design, which makes it more fancy and fashionable. The device of intercepting oil for circumfluence can reduce the oil pollution. Easy to carry, low noise, high negative pressure and large flux. It can be widely applied in the surgical operations, which needs to absorb phlegm etc thick liquids and other occasions, which need negative pressure suction.
Principle technical data:
Power Voltage: AC220V±22V,50Hz±1Hz
Max negative pressure: ≥0.09MPa
Noise:≤65dB (A)
Power:≤180VA
Pumping rate: ≥20L/min
Reservoir capacity: 2500mL/pc, 2pieces



MM15

Electric suction apparatus
Features: Adopting oil-free piston pump
Clean-without pollution of oil and smoke
Convent-no need add oil to maintain daily
Safe-no plus pressure during using
No flow backwards pressure when the machine stops,so the liquid won't flow backwards
Complete plastic panels, hand-switch and foot-switch for operating easily. Select negative pressure at will with no level for pressure adjustment, and overflow protection mechanism, safe and reliable.
Principle technical data:
Max negative pressure: ≥0.09MPa
Noise:≤ 65 dB (A)
Power: ≤180VA
Pumping rate: ≥20L/min
Reservoir capacity: 2500mL/pc, 2pieces
Note: Not suitable for continuous use in the induced abortions and for the inflammable or explodable surroundings. Max continuous working time is 30 minutes, continuity rate: 50%
Electrical appliance safety requirement: Class I, Type B



MM16

Electrical induced abortion suction apparatus
Electrical induced abortion suction apparatus specially designed for use in the induced abortions for the early pregnancies in hospitals of all levels. This apparatus adopt completely plastic panel design, and the appearance is more beautiful. Many advantages and features like lower noise, massive flux and easy to operate. There is a completely plastic operation box on the top of the equipment so the users can operate it more conveniently. Adopting the two-pole negative pressure system, the equipment can stop at a set time and increase safety and reliability.
Principle technical data:
Power Voltage: AC220V±22V,50Hz±1Hz
Power: ≤180VA
Max negative pressure: ≥0.09Mpa(negative pressure)
Pumping rate: ≥15L/min
Reservoir capacity: 2500mL/pc, 2pieces



MM17

Electrical suction device
Diaphragm electrical suction device adopts diaphragm negative pressure pump without oil mist pollution.It can be applied in suctioning pus,blood,thick secretions in surgical operations in hospitals,and may also be used in induced abortion or some other purposes.
Mains:AC 220V ±10% 50Hz
Pump structure:imported film type pump
Air pumping efficiency:≥25L/min(35L pump suitable)
Negative pressure:≥0.09MPa
Adjustment range of negative pressure:0.013-0.09MPa
Input power:400VA
Liquid vessel:2500mlx2
Noise level:≤55dB
Work mode:intermittent loading,continuous operation



MM18

Electric Suction Apparatus is a beauty,high vacuum,high flow and transportable medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound,to satisfy most demands in operating rooms,wards and so on.

Feature

1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.The bottles inserted in the tray,compact in size,easy to move.
3.Large-bore bottle with stopper having sealing ring is conveninet to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connection are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,safe and reliable to operate.

Specifications

1.Max Vaccum:≥0.09Mpa(680mmHg)
2.Free air flow≥30L/min
3.Liquid storage bottle:2500ml×2
4.Vacuum adjustable range: 0.02-0.09MPa(150- 680mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC220V±10%,50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:410mm×410mm×770mm
10.G.W.:23.5kg



MM19

Endoscope Suction Unit is specially designed for using suction of endoscope chamber. It can be used to suck out mucus from stomach and intestines,and many kinds of residual liquid.When endoscope is used in inspecting the stomach and intesties,colon,bronchus,etc,so that it can enhance the resolving power of imaging and the observing clarity.provided the means of therapy and treatment,to achieve the goal of examine accuracy in various diseases.

Feature

1.The suction velocity of this product is fast,the control of negative pressure is suitable and difficult to be absorbed by the innewall,thus avoid injuring the soft tissures.
2.Two steps of suction are available separately used for stomach and intestine examination.
3.The suction can also be steplessly controlled between the maximum and the minimum.
4.This unit installs the filter to filtrate fog and precaution set to prevent liquid sucking into pump,and the safety set to avoid emerging positive pressure.
5.The construction of this unit is reasonable,operation is easy,usages is safe,reliable,and possess low noise,save electric consume,remove convenient,save labour.

Specifications

1.Max Vacuum:≥0.085MPa(640mmHg)
2.Free airflow:≥24L/min
3.Liquid storage bottle:1500ml ×2
4.Value of negative pressure at stomach and intestines(for reference only)
Stomach:0.04MPa(300mmHg)
Intestines:0.08MPa(600mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC220V±10%,50Hz
8.Dimemsion:380mm×370mm×540mm
9.G.W.:20kg

Portable Aspirator is novel,high vacuum,high flow,small-sized medical suction unit.It is able to absorb varied mucus rapidly from body cavity or wound,to satisfy most demands in hospitals and social medical services.

Feature

1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.The bottles hung beside the unit,compact design,easy to carry.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,safe and reliable to operate.

Specifications

1.Max Vacuum:≥0.09MPa(680mmHg)
2.Free air flow:≥20L/min
3.Liquid storage bottle:1000ml
4.Vacuum adjustable range:0.02-0.09MPa(150-680mmHg)
5.Noise level:≤60dB(A)
6.Input:150VA
7.Power supply:AC 220V±10%,50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:390mm×350mm×420mm
10.G.W.:13kg



MM20



MM21

Electric Suction Apparatus,a light,but powerful and easy to carry unit,is especially available for draining and removing blood,pus or secretion from the pleural cavity in emergency cases.

Specifications

1.Pump:rotary vane type
2.Max Vacuum:≥0.09MPa(680mmHg)
3.Free airflow:≥20L/min(in pump exit:≥30L/min)
4.Vacuum adjustable range:0.02-0.09MPa
5.Liquid storage bottle:1000ml×2
6.Power supply:AC220V±10%,50Hz
7.Input:280VA
8.Dimemsion:480mm×340mm×370mm
9.G.W.:17kg



MM22

Low-Vacuum(Amniotic Fluid) Suction Unit

Low-Vacuum (Amniotic Fluid) Suction Unit is a special apparatus that is used for sucking amniotic fluid and phlegm from neonates and infants born by cesarean section. It can also be used for postoperatively suctioning in gastroenteric, thoracic and celiac cavity or in the Dept. of surgery and internal medicine

Feactures

1.Safely powered by electromagnetic pump, no positive pressure producing.

2.The air emitted by the pump is prefiltered by a bacterial filter which provides an effective barrier against contamination and protection to the environment.

3.Vacuum regulator with a locked set can be optionally regulated according to requirements.

4.Transparent plastic bottle with overflow preventive valve can be sterilized. The unit comes complete with a choice of 1000mL or 2000mL capacity jar.

5.Body made of plastic material is light, compact, and convenient for carrying and operating,

Specifications

1.Max. vacuum:≥18±1.5KPa(135±11mmHg)
2.Vacuum range: 2kPa(15 mmHg),Max. vacuum
3.Flow rate: ≥6L/min
4.Noise: ≤55dB(A)
5.Jar capacity: 1000mL (PC)
6.Power supply: AC 220V±10%, 50Hz
7.Power input: 30VA
8.G.W.: 3.5kg; N.W.: 2.5kg
9.Dimension:40×19×33



MM24

Low-Pressure Suction Apparatus

Low-Pressure Suction Apparatus is intended for continuous suction after operation for intestines,stomach and thoracic and celiac cavity or in the Dept.of surgery,internal medicine and pediatrics.

Feacture

1.Powered by electromagnetic pump,no positive pressure producing.

2.Stopping and alarming automatically when the storage bottle is full of liquid.

3.Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.

4.Compact,lightweight,plastic liquid bottle and unit case,easy to carrying.

Specifications

1.Max.vacuum:≥18-20kpa
2.Adjustable vacuum:2kPa,Max.vacuum
3.Flowrate:≥5L/min
4.Noise:≤55dB(A)
5.Storage bottle:1000mL
6.Power supply:-220V±10%-50Hz
7.Input power:30VA
8.G.W.:4.8kg
9.500mm×260mm×350mm



MM23

Low-Vacuum (High flow) Suction Unit is the first generation Low Vacuum/High Flow aspirator that is designed by the Medical Suction Apparatus Factory of SMIC. And it can be used for postoperatively suctioning in gastroenteric, thoracic and celiac cavity or in the Dept. of surgery, internal medicine, and paediatrics.

Feactures

1.Safely powered by electromagnetic pump which requires no lubrication or daily maintenance can be continuously used for a long-time. No positive pressure producing, it is secure for patients.

2.Overflow protection device can safely and efficiently prevent the liquid from entering into pump. And the air emitted by the pump is prefiltered by a bacterial filter which provides an effective barrier against contamination and protection to the environment.

3.Vacuum regulator with a locked set can be optionally regulated according to requirements. And it can efficiently prevent the regulator knob moving by mistake.

4.Autoclavable, transparent plastic bottle is more convenient for disassembly, cleaning and carrying.

5.Body made of plastic material is light, compact, and convenient for carrying and operating,

Specifications

1.Max. vacuum: 17KPa~20KPa (128mmHg~150mmHg)
2.Vacuum range: 2kPa(15 mmHg),Max. vacuum
3.Flow rate: ≥25L/min
4.Noise: ≤55dB(A)
5.Jar capacity: 1000mL (polycarbonate)
6.Power supply: AC 220V±10%, 50Hz
7.Power input: 100VA
8.G.W.: 6.3kg; N.W.: 4.3
9.Dimension:21×14×30

Response Time: Around 1 minute
Range:32.0℃ - 42.9℃(90.0 ºF - 109.9 ºF)
Accuracy:±0.1℃,35.5℃ - 42.0℃(±0.2ºF,95.9 ºF-107.6 ºF)
±0.2℃ below 35.5℃ or over 42.0℃(±0.4 ºF below 95.9 ºF or over 107.6 ºF)
Display: Liquid crystal display, 3 1/2 digits
Last Reading Memory,Fever Alarm,Auto-Shutoff
Battery: One 1.5 V button battery included
Battery life: About 2 years for average using

Low Constant Pressure Suction Unit

Low Constant Pressure Suction Unit is a brand new low pressure suction apparatus,designed with integrated circuits and sensor-controlling technology, It features rapid rise in vacuum,high suction speed,extremely low noise and etc.,and will not get sucked tightly to the surface of organs,thus avoiding and injury or hindrance to drainage,it is a handy instrument for treatment of successive sucton and drainage for hospitals and clinics,applicable to the running drainage after the operation in intestines,stomach,chest,abdomen,bladder and others,and helpful in surgery,internal medicine,gynecology,pediatrics and etc.

1.Compact and novel in design,easy and simple to handle,and extremely low noise,without disturbing patients rest or sleep.

2.Able to operate protractedly with stable performance,and convenient for continuous drainage to air or liquid.

3.As the vacuum level can be adjusted as requird,the unit stops by itself on reaching the level set up,and resumes running below the level-due to high precision pressure sensors that makes the set-up vacuum level steady and reliable.

4.Tactfully designed non-lubricant vacuum pump,needs no oiling,without wearing,so nor maintenance,but easy for cleaning,averting pollution;and,what's more,capable in big and speedy suction flow.

5.Double overflow protection devices are intended to prevent liquid or sloid particles from entering the vacuum pump.

6.Under-vacuum light alarm and overvacuum sound-light alarm are incorporated in.

7.A vacuum discharge valve is fitted,and used when the unit needs to adjust its vacuum from high to low level.

8.The introduction of integrated-circuits and sensor-control makes the unit reliable and stable.

Specifications

1.Pump:non-lubricant vacuum pump
2.Max Vacuum:≥20kPa(150mmHg)
3.Sucked liquid volume:≥1500ml/min
4.Vacuum adjustable range:2.5-20kPa(20-150mmHg)
5.Noise:≤50dB(A)
6.Power supply:AC220V±10%,50Hz
7.Input:30VA
8.Liquid storage bottle:1000ml
9.Dimension:420mm×320mm×420mm
10.G.W.:10kg



MM25



MM26

Electric Stomach-intestines Decompression Suction Unit
The Electric Stomach-intestines Decompression Suction Unit Model is suitable for use in gastrointestinal decompression suction posterior to such abdominal surgeries as gastrectasia,ileus,intestinal fistula,and gastrectomy.
1.The Unit is caharacterized by such features as low noise,small size,light weight,freedom from wear,no need for oil-filling,and easy to carry.It can also be used for long-term sustained suction.
2.There are available two kinds of negative pressure adjustment,coarse(in 3 steps of weak,medium and strong)and fine,and the negative pressure can be regulated at will according to requirement.
3.The unit is provied with liquid-full auto-stop and alarm devices,so there is no need for special personnel to take care of it,The extremely low noise does not interfere with the rest and sleep of patients.
Specifications
1.Power supply:AC220V±10%,50Hz
2.Input:30VA
3.Max Vacuum:≥16kPa(120mmHg)
4.Vacuum adjustable range: 0-16kPa(0-120mmHg)
5.Amount of water sucked:≥700ml/min(strong)≥200ml/min(weak)
6.Noise level:≤55dB(A)
7.Dimemsion:400mm×190mm×330mm
8.G.W.: 6kg



MM27

Low-pressure Suction Apparatus
Low-pressure Suction Apparatus is devised to use when a patients secretion should be drained for a long time at low-pressure vacuum after surgical operations.It reduces pain to the minimun and saves the labour of physicians.
Feature
1.Continuous draining for an extended period in steadiness.
2.Negative pressure adjustable in strong,medium and weak steps down and max liquid suction capacity no less than 700ml/min
3.Safe,simple operation,and patient's rest or sleep undisturbed with low noise running.
4.No case required,the machine stops and alarms automatically when the bottle with liquid full to the brim.
Specifications
1.Power supply:AC220V±10%,50Hz
2.Input:30VA
3.Max Vacuum: 15±1.5kPa(110±11mmHg)
4.Amount of water sucked:≥700ml/min(strong),≥200ml/min(weak)
5.Noise level:≤55dB(A)
6.Dimemsion:400mm×190mm×330mm
7.G.W.: 7kg

Electric Amniotic Fluid Suction Unit
The Electric Amniotic Fluid Suction Unit is a special apparatus for sucking amniotic fluid and oral cavity mucus from neonates and infants born from cesarean section.
1.The unit is characterized by such features as low noise,small size,light weight,freedom from wear,no need for oil-filling,and easy to carry.It can also be used for long-term sustained suction.
2.There are available two kinds of negative pressure adjustment,coarse(in 3 steps of weak,medium and strong)and fine,and the negative pressure can be regulated at will according to requirements.
3.The unit is provided with liquid-full auto-stop and alarm devices,so there is no need for special personnel to take care of it, The extremely low noise does not interfere with the rest and sleep of patients.
Specifications
1.Power supply:AC220V±10%,50Hz
2.Input:30VA
3.Max Vacuum:≥18kPa(135mmHg)
4.Vacuum adjustable range: 0- 18KPa(135mmHg)
5.Amount of water sucked:≥700ml/min(strong),.≥200ml/min(weak)
6.Noise level:≤55dB(A)
7.Dimemsion:400mm×190mm×330mm
8.G.W.: 6kg



MM28



MM29

Diaphragm type gastrointestinal decompression device is mainly used for continued gastrointestinal decompression after surgical operation on ileus or resection of stomach.This machine is characterized with low noise level,exquisite appearance,convenient use and durability.



MM30

Electric amiotic fluid suction unit is a special device for the suction of amniotic fluid and fluid in oral cavity.It can avoid suffocation-caused death of newborn babies.It is a indispensable medical appliance for the department of gynaecology and obstetrics in hospitals.



MM31

Low negative pressure suction unit is specially designed for low negative pressure suctioning in hospital.It may also be used for suctioning of thick liquid for newborn babies.



MM32

Portable Absorb Phlegm Unit

Portable Absorb Phlegm Unit is the latest Medium Vacuum/High Flow absorb phlegm unit, and designed for aspirating various mucus such as grume and phlegm from the patient's throat. It is widely used for emergency treatment in various hospital, first-aid conditions or center of social medical service.

Feactures

1.Long life electromagnetic pump which can be continuously used for a long-term and require no lubrication or daily maintenance produces no pollution to the environment.
2.High flow, high suction performance and fast vacuum build-up.
3.Overflow protection device can safely and efficiently prevent the liquid from entering into the pump.
4.Body made of plastic material is light, compact, and is convenient for carrying and operating. Transparent plastic bottle that can be sterilized is more durable and more convenient for cleaning.

Specifications

1.Max. vacuum:≥0.05MPa (375mmHg)
2.Vacuum range: 0.02MPa(150mmHg) Max. vacuum
3.Flow rate:≥35L/min
4.Noise:≤60 dB(A)
5.Jar capacity: 1000mL (PC)
6.Power supply: AC220V±10%,50Hz
7.Power input:100VA
8.G.W.:6.3 kg; N.W.:4.3kg
9.Dimension:42×22×36



MM33

Portable Absorb Phlegm Unit

Portable Absorb Phlegm Unit is the latest High Vacuum/High Flow absorb phlegm unit, and designed for aspirating various mucus such as grume and phlegm from patient's, infants' or young children' throat. It is widely used for emergency treatment in various hospital, first-aid conditions or center of social medical service.

Feactures

1.Long life single piston cylinder which requires no lubrication or daily maintenance produces no pollution to the environment.
2.High flow, high vacuum, good performance and fast vacuum build-up. The vacuum can be regulated by the vacuum regulator according to the requirement, and displayed by the vacuum gauge.
3.Overflow protection device can safely and efficiently prevent the liquid from entering into the pump.
4.Body made of plastic material is light, compact, and convenient for carrying and operating.
5.Autoclavable, transparent plastic bottle is more durable and more convenient for cleaning.

Specifications

1.Max. vacuum:≥0.08MPa (600mmHg)
2.Vacuum range: 0.02MPa(150mmHg),Max. vacuum
3.Flow rate:≥20L/min
4.Noise:≤60 dB(A)
5.Jar capacity: 1000mL (polycarbonate)
6.Power supply: AC220V±10%,50Hz
7.Power input: 110VA
8.G.W.:6.0 kg; N.W.:4.0kg
9.Dimension:39.5×19×39.5



MM34

Children Absorb Phlegm Unit

Children Absorb Phlegm Unit,with a medium vacuum is designed especially for children to extract various mucus from children's throat and widely used fro emergency treatment,first-aid conditions or center of social medical service.

Feature

1.Oil-less vacuum source with a piston cylinder,pump needs maintenance free and easy service.
2.The overflow protection device prevents liquid or solid particles from entering the intermediate tubing;the air filter reduces contamination to the environment.
3.Compact,lightweight,plastic liquid bottle and unit case,convenient for carrying.

Specifications

1.Max.vacuum:≥0.075MPa(560mmHg)
2.Adjustable vacuum:0.015Mpa(110mmHg),Max.vacuum
3.Flow rate:≥14L/min
4.Noise:≤55dB(A)
5.Storage bottle:1000mL
6.Power supply:-220V±10%,50Hz
7.Input power:110VA
8.G.W.:6.2kg
Dimension:500mm×260mm×350mm



MM35

Portable Absorb Phlegm Unit

Portable Absorb Phlegm Unit,designed for extracting various mucus such as grume and thick phlegm from patient's throat.It is widely used for emergency treatment in various hospital,first-aid conditions or center of social medical service.

Feature

1.Oil-less vacuum source with a piston cylinder,pump needs maintenance free and easy service.
2.The overflow protection device prevents liquid or solid particles from entering the intermediate tubing;the air filter reduces contamination to the environment.
3.Compact,lightweight,plastic liquid bottle and unit case,convenient for carrying.

Specifications

1.Max.vacuum:≥0.08MPa(600mmHg)
2.Adjustable vacuum:0.02Mpa(150mmHg),Max.vacuum
3.Flow rate:≥18L/min
4.Noise:≤60dB(A)
5.Storage bottle:1000mL
6.Power supply:-220V±10%,50Hz
7.Input power:110VA
8.G.W.:6.1kg
Dimension:550mm×264mm×365mm



MM36

Children Absorb Phlegm unit is specially designed for absorbing the thick phlegm and mucus in throat of children patient caused by phlegm choke in hospitals.
The unit features high suction speed,small in size,low noise and easy to carry and etc,it is an ideal medical apparatus for first aid and nursing of children.
Feature
1.A non-lubricant pump is adopted in the unit,preventing the environment from pollution by oil mist.
2.Never produces positive pressure,thus assuring safe and reliable application.
3.Unique designed regulating valve,minimizing the output flow loss.
4.Compact in size,easy to carry and simple operation.
Specifications
1.Max Vacuum:≥0.070MPa(525mmHg)
2.Vacuum adjustable range:0.015MPa(110mmHg),Max Vacuum
3.Free airflow:≥12L/min
4.Liquid storage bottle:1000ml
5.Noise:≤55dB(A)
6.Power supply:AC220V±10%,50Hz
7.Input:110VA
8.Dimemsion:370mm×280mm×350mm
G.W.:8.5kg



MM37

Protable Absorb Phlegm Unit
protable absorb Phlegm Unit is a new product designed with the introduction of the advance technology from abroad,The unit has powerful vacuum and high suction rate,capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke, especially for those who need first aid,thus taking a turn for the better and being out of danger. Besides,it features compact in size,light in weight and easy to carry,an ideal medical apparatus for first aid and nursing in hospitals.
1.A non-lubricant pump is adopted in the unit,preventing the environment from pollution by oil mist.
2.Never produces positive pressure.thus assuring safe and reliable application.
3.Unique designed regulating valve,minimizing the output flow loss.
4.Compact in size,easy to carry and simple operation.
Specifications
1.Max Vacuum:≥0.08MPa(600mmHg)
2.Free airflow:≥18L/min
3.Liquid storage bottle:1500ml
4.Noise:≤60dB(A)
5.Power supply:AC220V±10%,50Hz
6.Input:110VA
7.Dimemsion:500mm×260mm×350mm
G.W.:9kg



MM38

Portable Absorb Phlegm Unit
Portable Absorb Phlegm Unit is a new product designed with the introduction of the advanced technology from abroad,The unit has powerful vacuum and high suction rate,capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke, especially for those who need first aid,thus taking a turn for the better and being out of danger.Besides, it features compact in size,light in weight and easy to carry,and ideal medical apparatus and at home.
Feature
1.A non-lubricant pump is adopted in the unit,preventing the enviroment from pollution by oil mist.
2.Never produces positive pressure,thus assuring safe and reliable application.
3.Unique designed regulating valve,minimizing the output flow loss.
4.Compact in size,easy to carry and simple operation.
Specifications
1.Max Vacuum:≥0.08MPa(600mmHg)
2.Free airflow:≥22L/min
3.Liquid storage bottle:1000ml
4.Noise:≤60dB(A)
5.Power supply:AC220V±10%,50Hz
6.Input:110VA
7.Dimemsion:450mm×230mm×380mm
G.W.:8.5kg



MM39

Electric Absorb Phlegm Apparatus
The Electric Absorb Phlegm Apparatus is specially designed for the ejection drainage of Phlegm form the patient.It helps alleviate the pain of patients,especially first aid patients,with blockage of phlegm,The device is capable of ejecting thick phlegm and mucus rapidly,this brings the patient in crisis again to safety.
The product can also be used in the operation room,emergency room ICU,as well as general wards for the purpose of aspiration.
Feature
1.The negative pressure regulating system can be controlled steplessly according to the viscosity of the phlegm and mucus for the selection of required negative pressure value.Normal phlegm aspiration:0.027-0.053(200-400mmHg)Mpa;maximun negative pressure value for emergency phlegm aspiration:0.08MPa(600mmHg).
2.The apparatus is equipped with mist filtering and safety device preventing liquid from being sucked into the pump.
3.The unit features convenient operation,safety in use,low noise,low power consumption,and easy to carry.
Specifications
1.Max Vaccum:≥0.08Mpa(600mmHg)
2.Free air flow≥22L/min
3.Liquid storage bottle:1000ml×2
4.Vacuum adjustable range: 0.02-0.08MPa(150-600mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC220V±10%,50Hz
8.Dimemsion:370mm×320mm×340mm
G.W.:15kg



MM40

Table Absorb Phlegm Unit

Table Absorb phlegm Unit is a new product designed with the introduction of the advanced technology from abroad.The unit has powerful vacuum and high suction rate,capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke,especially for those who need first aid.thus taking a turn for the better and being out of danger, Besides, it features compact in size,light in weight and easy to carry,an ideal medical apparatus for first aid and nursing in hospitals and at home.

Feature

1.A non-lubricant pump is adopted in the unit,preventing the environment from pollution by oil mist.
2.Never produces positive pressure,thus assuring safe and reliable application.
3.Unique designed regulating valve,minimizing the output flow loss.
4.Compact in size,easy to carry and simple operation.

Specifications

1.Max Vacuum:≥0.08MPa(600mmHg)
2.Free airflow:≥22L/min
3.Liquid storage bottle:1000ml
4.Noise:≤60dB(A)
5.Power supply:AC220V±10%,50Hz
6.Input:110VA
7.Dimemsion:490mm×270mm×310mm
8.G.W.:8kg



MM41

Electric sputum suction unit for infants

Electric sputum suction unit can be used for suctioning sputum and other secretions for children in hospitals,and may also be used in negative suctioning in surgical operations on children.The machine adopts oil-free lubricating pump,avoiding the polllution of oil mist.The pump requires no daily maintenance and servicing;and the overflow protection device in the machine prevents liquid from flowing into the pump.The machine is characterized with small volume,light weight and high mobility.



MM42



MM43

Portable Diaphragm Aspirator

Portable diaphragm aspirator is an excellent product which is designed with foreign advanced technique.Famous for its durability and low noise, it is suitable for various aspiration in hospitals, clinics and also family nursing etc.

Structure characteristics

1.With oil-free Lubrication diaphragm motion system, It is needless to be oiled for maintenance.
2.With reliable design and safety, it will not produce positive pressure.
3.With successive running design, low noise is obtained while it is working.
4.The motor has over beat (break) proteotion system.
5.It has a trustworthy system for preventing liquid from flowing backwards.
6.The pressure adjusting valve can be used to select any safety pressure.

Specifications.

1.Pumping rate: not lower than 30L/min when the pressure is 0.1Mpa.
2.Limit vacuumvalue: lower than 0.075Mpa.
3.Noise: not more than 65dB(A)
4.Capacity of liquid storage bottle 1000ml.
5.Motor: 220V±10%,50Hz,120W.
6.Net weight:7.5kg.
Dimensions:38cm×20cm×26cm

Portable diaphragm aspirator is an excellent product which is designed with foreign advanced technique. Famous for its durability and low noise, it is suitable for various aspiration in hospitals, clinics and also family nursing etc.

Structure characteristics

1.With oil-free lubrication diaphragm motion system, it is needless to be oiled for maintenance.
2.With reliable design and safety, it will not produce positive pressure.
3.With successive running design, low noise is obtained while it is working.
4.The motor has over beat (break) protection system.
5.It has a trustworthy system for preventing liquid from flowing backwards.
6.The pressure adjusting valve can be used to select any safety pressure.

Specifications

1.Pumping rate: not lower than 30L/min when the pressure is 0.1Mpa.
2.Limit vacuumvalue: lower than 0.075Mpa.
3.Noise: not more than 65dB(A)
4.Capacity of liquid storage bottle 1000ml.
5.Motor: 220V±10%,50Hz,120W.
6.Net weight:7.5kg.
7.Dimensions:38cm×20cm×26cm



MM44

Gynecology aspirator

Gynecology aspirator is a novel,high vacuum,high flow,small-sized medical suction unit. It is internded for abstetrical operation such as early artificial interruption of pregnancy and removal of the residua after postparturn in various hospital or health care facilities.It is also adequate for other surgery suction when equipped with matching catheters.

Features:

1.Oil-less vacuum source with a high flow,double piston cylinder,pump needs maintenance free and easy service.

2.Large-bore bottles made of PC plastics with high quality,convenient to clean,using safely,especially adequate for field or/and transprot use.The liquid filter can be assembled according to the requirement for sample selected in clinic.

3.The overflow protection device is intended to prevent liquid or solid particles from entering the intermediate tubing;the air filter can reduce contamination to the environment.

4.The back-valve fitted in the pipe system makes it more safety and reliable to operate during halting,and the vacuum regulator controls the level of vacuum required in clinic by adjusting the regulator knob.

5.Vacuum release valve fitted on the foot-switch uses for adjusting the vacuum from high to low when halting,and also uses for the pressure releasing applied to the patient.

6.The gas circuit controlling system designed strictly makes the setting vacuum level stable and not required to set repeatedly.

7.Stability and durability low noise,safe and reliable to operate.

Specifications

1.Max.Vacuum: ≥0.09MPa (680mmHg)
2.Ajustable vacuum range : 0.02MPa - Max.vacuum
3.Flow rate : ≥ 30 L/min
4.Noise :≤60dB(A)
5.Storage bottle :1000mL
6.Power supply : -220V ±10% 50Hz
7.Input :150VA
8.G.W. : 10.5 kg
9.Dimension: 390mm×360mm×420mm



MM45

Gynecology Aspirator

Gynecology Aspirator is specially designed for gynecological operation in hospitals and clinics, is a novel transportable medical suction unit,applicable to the artificial abortion of early pregnancy,the extraction foetus when puerpera childbirth,and removing postpartum remainder.Moreover,wide variety of applicatons is also recommended in other fields.

Feature

1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.The bottles hung beside mobile stand,easy to observe and operate.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to enironmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,safe and reliable to operate.

Specifications

1.Max Vaccum:≥0.08Mpa(600mmHg)
2.Free air flow≥40L/min
3.Liquid storage bottle:1000ml+2000ml
4.Vacuum adjustable range: 0.02-0.08MPa (150-600mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC220V±10%,50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:585mm×390mm×400mm
10.G.W.:17kg

Emergency Aspirator

Emergency Aspirator is the latest portable AC/DC suction unit. It is specially used for secretion, blood, vomitus and mucus removal of the patient who have undergone tracheostomy or had the trachea blocked, and for emergency treatment to a respiratory tract patient in hospital, first-aid teams, or social medical services, especially for a patient who is transported by vehicle or is in a place without AC/DC power supply.

Features

1.Long life piston cylinder which requires no lubrication or daily maintenance produces no pollution to the environment.
2.Provided with three kinds of electrical sources, AC100V,240V 50/60Hz, external DC12V,and internal battery, it can be conveniently used in many places.
3.The internal battery is charged with constant voltage and limited current while the unit is working or being attached to AC 100V,240V 50/60Hz or external DC 12V power supply. The capacity of the battery is respectively indicated by green, yellow and red neons.
4.Overflow protection device can safely and efficiently prevent the liquid from entering into pump. Bottles made of plastic material are transparent, durable and convenient for cleaning.
5.Body made of plastic material is handy and beautiful. The wall-mounting frame makes it widely used in the room, on vehicle and conveniently hung on the side of the wheelchair.

Specifications

1.Max vacuum:≥0.08MPa(600mmHg)
2.Vacuum range:0.02MPa(150mmHg),Max. vacuum
3.Flow rate:≥20 L/min
4.Jar capacity:1000mL (PC)
5.Noise:≤65 dB(A)
6.Operating voltage: DC 12V or AC 100V,240V, 50/60Hz
7.Power input:110VA
8.Battery duration on full charge: ≥30min
9.G.W.: 6.5kg ; N.W.:4.5kg
10.Dimension: 21×14×30



MM46



MM47

Gynecology Aspirator
Gynecology Aspirator is speialy designed for gynecological operation in hospitals and clinics,is a novel transportable medical suction unit,applicable to the artificial abortion of early pregnancy,the extraction foeti when puerpera childbirth,and removing postpartum remainder.Moreover,wide variety of applications is also recommended in other fields.
Feature
1.Maintenance free,oil-less pump,high flow rate,without pollution by oil mist.
2.Operating tray mounted on top of the unit case provides facility.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absored liquid to environmental pollution.
7.Hand-switch and foot-switch installed in parallel can selected at will.
8.Stability and durability,low noise,safe and reliable to operate.
Specifications
1.Max Vacuum:≥0.08MPa(600mmHg)
2.Free air flow:≥40L/min
3.Liquid storage bottle:1500ml×2pc
4.Vacuum adjustable range:0.02-0.08Mpa(150-600mmHg)
5.Noise level:≤60dB(A)
6.Input:250VA
7.Power supply:AC 220V±10%-50Hz
8.Working system:continuous operation with intermittent loading
9.Dimemsion:480mm×420mm×880mm
10.G.W.: 30.5kg



MM48

Electric Abortion Suction Unit
Electric Abortion Suction Unit is specially designed for the artificial abortion of early pregnancy in hospitals and clinics,Moreover,wide variety of applictions is also recommended in other fields.
Features
1.New type of abortion aspirator with superior quality and reliable function.
2.Application of up-to-date technology to warrant it durable and reliable.
3.Low noise running and time cut-off keeping no disturbing noise during operation.
4.Suction pressure adjustable from 0-0.09MPa(0-680mmHg)through the foot switch.
5.Double vacuum gauges equipped for supervising suction pressure in reseroir bottle.
6.Modern cabinet design with a molded instrument tray on top and a storage compartment for supplies and accessories.
Specifications
1.Pump:rotary vane type
2.Max Vacuum:≥0.09MPa(680mmHg)
3.Suction rate:≥30L/min,terminal:≥15L/min
4.Liquid storage bottles:500ml×2
5.Reserve bottles:2500ml×2
6.Power supply:AC220V±10%,50Hz
7.Input:280VA
8.G.W.:40kg
9.Dimemsion:540mm×490mm×860mm

Emergency Aspirator(AC/DC)
AC/DC Aspirator is a novel,portable,AC/DC powered medical suction unit,It is suitable for giving emergency treatment to a respiratory tract patient in hospital,first-aid teams,or social medical services,It is able to clean secretion,blood,vomitus by which the tract blocked so that breathe unobstructed,especially available for patient first-aid and health care in patient transport and a place without AC/DC.
Feature
1.Maintenance free oil-less pump,high flow rate,without pollution by oil mist.
2.Powered by three kind of power supply AC,external DC,and internal battery,continuous movement time≥1 hr when fully charged,rechargeable,attach the unit to the cigar lighter(DC 12V)by wire when use on the vehicles such as ambulance.
3.Charge method is constant voltage,limited current,and integral trickle type,Internal battery charged while the unit working by power supplies AC220V,or external DC 12V.There are battery indicators of full and insufficiency.
4.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
5.Overflow protection prevents liquid entering pump.
6.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
7.Air filter equipped reduces bacterium in absored liquid to environmental pollution.
8.Stability,low noise,easy to carry,can use in wide range,safe and reliable to operate.
Specifications
1.Max Vacuum:≥0.08MPa(600mmHg)
2.Free air flow:≥20L/min
3.Liquid storage bottle:1000ml,1pc
4.Vacuum adjustable range:0.02-0.08MPa
(150-600mmHg)
5.Noise level:≤60dB(A)
6.Input:110VA
7.Power supply:AC220V±10%,50Hz;DC 12V
8.When fully loaded,internal battery average run time:≥1hr
9.Working system:continuous operation with intermittent loading
10.Dimemsion:400mm×280mm×395mm
11.G.W.:12.5kg



MM49



MM50

Pedal Suction Apparatus
This Pedal Suction Apparatus is mainly used for artificial abortion suction of purulence,phlegm and blood,etc,in surgical operations,and it is especially suitable for the similar uses for medical care at home,It can also be used in the areas without electrical supply or emerency treatment when electric supply is cut off temporarily. It is small in size, light in weight,easy to carry,safe and reliable.
Specifications
1.Negative pressure:≥0.08MPa(600mmHg)
2.Capacity of the glass bottle:1000ml
3.Fall of negative pressure when sealed,less than 0.005MPa(38mmHg)per 10 minutes
4.Indication range of negative pressure meter:
0-0.1MPa
5.G.W.:5.8kg
6.Dimension:390mm×280mm×330mm



MM51

Pedal Suction Apparatus
This pedal suction Apparatus is mainly used for artificial abortion of purulence phelgm and blood etc. In surgical operations and it is especially suitable for the similar uses for medical care at home.It can also be used in the areas without electrical supply or emergency treatment when electric supply is cut off temporarily. It is small in size, light in weight, easy to carry, safe and reliable.
Specifications
1.Negative pressure:≥0.08Mpa(600mmHg)
2.Capacity of the glass bottle:1000ml
3.Fall of negative pressure when sealed: less then 0.005Mpa (38mmHg)
4.Indication range of negative pressure meter:0~-0.1Mpa
5.Dimensions:400×280×330
6.Weight:6Kg



MM52

Pedal suction apparatus
General introduction: pedal suction apparatus mainly used in hospitals of all levels for suction of blood, phlegm and other thick liquid during induced abortions and surgical operations. Due to its small size, lightweight and easy operation and it especially fits for being widely used in no power area, remote areas, rural clinics, homes and other emergency occasions.
1.Adopting single-way valve will not produce positive pressure, safe and reliable.
2.Complete plastic plate, safe and convenient for transportation and use.
3.It can be operated without power, widely applicable.
Principal technical data:
Max negative pressure value: ≥ 0.08MPa
Negative pressure back-reduction while being closed: ≤0.005MPa/10min
Reservoir capacity: 1000mL
Pedal pressure: ≥ 245N
Weight:≤4.5kg



MM53

Pedals attract machine
pedal suction apparatus mainly used in hospitals of all levels for suction of blood, phlegm and other thick liquid during induced abortions and surgical operations. Due to its small size, lightweight and easy operation and it especially fits for being widely used in no power area, remote areas, rural clinics, homes and other emergency occasions.
Adopting single-way valve will not produce positive pressure, safe and reliable.
Complete plastic plate, safe and convenient for transportation and use.
It can be operated without power, widely applicable.
Principal technical data:
Max negative pressure value:≥0.08MPa
Negative pressure back-reduction while being closed:≤0.005MPa/10 min
Reservoir capacity:1000mL
Pedal pressure: ≤245N
Weight: ≤4.5kg

Portable Aspirator is a novel, high vacuum, high flow, small-sized medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound, to satisfy most demands in hospitals and social medical services.
Feature:
1.Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2.The bottles hung beside the unit, compact design, easy to carry.
3.Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to environ Mental pollution.
7.Stability and durability, low noise, safe and reliable to operate.
Principal technical data
1.Max Vacuum:≥0.09Mpa(680mmHg)
2.Free air flow:≥22L/min
3.Liquid storage bottle:1000ml
4.Vacuum adjustable range:
.02~0.09Mpa(150~680mmHg)
5.Noiseievel:≤60dB(A)
6.Input:110VA
7.Power supply:
AC220V±10%,50Hz
8.Dimensions:440×290×330
Net weight:3.5kg



MM54

Portable Aspirator
Max Vacuum:≥0.09Mpa(680mmHg)
Free air flow:≥22L/min
Liquid storage
Bottle:1000ml
Vacuum adjustable range:
0.02~0.09Mpa(150~680mmHg)
Noiseievel:≤60dB(A)
Input:110VA
Power supply:AC220V±10%,50Hz
Dimensions:31×34×30
Net weight:5.5kg



MM55

Portable Aspirator is a novel high vacuum high flow, small-sized medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound to satisfy most demands in hospitals and social medical services.
Feature:
1.Maintenance free oil-less pump high flow rate, without pollution by oil mist.
2.The bottles hung beside the unit compact design easy to carry.
3.Large-bore botte with stopper having sealing ring is convenient to open and clean.
4.Overflow protection prevents liquid entering pump.
5.Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6.Air filter equipped reduces bacterium in absorbed liquid to environ mental pollution.
Stability and durability low noise, safe and reliable to operate.



MM56

Portable phlegm suction unit
portable phlegm suction unit is a newly designed oil-free lubrication pump based on extensive design experience and developmenttrend of domestic and overseas products. It is specially designed for absorbing thick liquid such as blood, phlegm etc.it is not only used as aspirator in operation room, emergency room, but also at home as health care product.
1. High negative pressure, large flux, low noise. It is a brand new mechanism design with suction bottle hidden inside completely made of plastic. This design not only reduces the working noise but also makes it more fashionable and precise.
2. It adopts advanced overflow-protection design, which can prevent pus and mucus from leaking into the machine.
3. Compact, lightweight, and easy to carry especially suitable for emergency and outside use.
Principal technical data:
Voltage: AC220V±10%,50Hz±2%
Power:90VA
Max negative pressure value:≥0.075MPa
PUmping rate:≥18L/min
Reservoir volume:1000mL



MM57

Principal technical data
Voltage: AC220V 50Hz
Max negative pressure value: ≥0.070MPa
Pumping rate: ≥11L/min
Reservoir volume: ≥1000mL
Power: 90VA



MM58

Principal technical data
Voltage: AC220V 50Hz
Max negative pressure value: ≥0.075MPa
Pumping rate: ≥18L/min
Reservoir volume: ≥1000mL
Power: 90VA



MM59

Principal technical data
Voltage: AC220V 50Hz
Max negative pressure value: ≥0.075MPa
Pumping rate: ≥18L/min
Reservoir volume: ≥1000mL
Power: 90VA



MM60

Portable phlegm suction unit:
portable phlegm suction unit is a newly designed oil-free lubrication pump based on extensive design experience and development trend of domestic and overseas products. It is specially designed for absorbing thick liquid such as blood, phlegm etc. it is not only used as aspirator in operation room, emergency room, but also at home as health care product.
1. High negative pressure, large flux, low noise. It is a brand new mechanism design with suction bottle hidden inside and square negative pressure meter crust completely mad of plastic. This design not only reduces the working noise but also makes it more fashionable and precise.
2. It adopts advanced overflow-protection design, which can prevent pus and mucus from leaking into the machine.
3. Compact, lightweight, and easy to carry especially suitable for emergency and outside use.
4. Principal technical data:
Power supply: AC220V± 10%, 50Hz±2%
Power: ≤90VA
Max negative pressure value: ≥0.075MPa
Pumping rate: ≥18L/min
Noise:≤ 65dB (A)
Reservoir volume: 1000mL, 1piece



MM61

suction for children
Adopting oil-free lubrication piston pump, square negative pressure dial. Small size, low noise, easy to carry, built-in bottle is more suitable for children's use. .
Principal technical data:
Power supply:: AC220V± 10%, 50Hz±2%
Power: ≤90VA
Max negative pressure value: ≥0.075MPa
Pumping rate: ≥15L/min
Noise:≤ 65dB (A)
Reservoir volume: 1000mL, 1piece



MM62

AC/DC Universal Suction
Adopting oil-free lubrication pump, square negative pressure dial and built-in bottle. Low noise, small size, easy to carry. It adopts three modes to supply electricity: alternating current, direct current and batteries. So it is more suitable for lack of alternating current situation such as on vehicles and outdoor places to save and nurse patients.
Power supply:
AC 220V±10%, 50Hz±2%,12VDC
Power: ≤90VA
Max negative pressure value: ≥0.075MPa
Pumping rate: ≥15L/min
Reservoir volume: 1000mL
Noise: ≤65dB(A)

AUTOMATIC STOMACH CLEANING MACHINES

Automatic Gastric Lavage
Automatic Gastric Lavage Apparatus
a modem and deal lavage apparatus,is intended for saving lives of patients who have taken poison or had toxic food in emergency cases and also for gastric lavage before operation in hospital or first-aid station.It adopts advanced pressure feed-back system to perform automatic gastric lavage reliably.
1.The working system of the unit powered by diaphragm pump carries out the function of rinese and suction by controlling circuit to lavage through out.
2.Pressure sensor and CPU are applied to the electrical control,which makes the conversion between rinse and suction more safe and reliable.
3.Conversion jars of quantitative volume type make the liquid capacity of suction and rinse more stable.
4.Commutator and pressure control system make the pipeline staightway.
5.The states of counter and simulation pressure shown on operation board enhanced the function of interface between user and machine,which enables operator to know the status of gastric lavage.
6.The manual liquid capacity balance device can solve the problem of imbalance between rinse capacity and suction resulting from the difference between the substances inside the stomach.
7.Compact,light and handy,operating facilely,performances of high quality,safe and reliable.
Specifications
1.Flow rate:≥2L/min
2.Rinse capacity:250-350ml;
Suction Capacity:350-450ml
3.pressure control:
positive & negative setting level 47-67kpa
4.Noise:≤60dB(A)
5.Cycle of lavage:<20s
6.Power supply: -220v±10%,50Hz
7.Input:110VA
8.G.W.:12kg
Dimension:500mm×420mm×310mm



MM63



MM64

Automatic Stomach Cleaning Machine
automatic stomach cleaning machine adopts LCD,and the pressure and times of stomach washing can be set up by self.The balance of the liquid quantity can be set up large,middle and small.



MM65

Electric automatic stomach washing machine
Power Voltage: AC220V±22V,50Hz±1Hz
Washing Cycle: <40s
Input power: ≤250VA
Washing capacity: 250~350mL/time
Suction capacity: 350~450mL/time
Noise: ≤65 dB (A)
Flux: ≥2.0 L/min
Pressure control: flush and suction pressure set into 47-67kPa, the continue running tolerance no more than ±5kPa



MM66

Electric Wash Machine For Stomach
This machine is designed especially for saving lives of patients who have drunk toxicant or taken toxic food in emergency cases and for washing stomach before operation in hospitals.
1.Compact in structure,novel style,easy to run and convenient to move.
2.Swift and clean to wash the stomach,low in side effect and no injury to the mucosity of the stomach wall.
3.Available for functional control either by hand or automatic and easy to adjust.
Specifications
1.Power supply: AC220v±10%,50Hz 2.Input:250VA
3.Volume of flow≥2L/min
4.Automatic control:amount of rinse solution:250-350ml
capacity suction:300-450ml
amount of suction solution is 50-150ml
more than amount of rinse solution
5.Pressure control:positive & negative pressure setting level: 47-67KPa
6.Noise:≤60dB(A)
7.Dimension:540mm×490mm×930mm G.W.:27kg



MM67

Electric washing-stomach machine
Electric washing-stomach machine is used to rescue the food poisoning victims or taking-poison people by washing the stomach before operations in hospital. The equipment adopts completely plastic panel design, fashionable and beautiful, easy to operate and carry, lower-noise and energy saving. There is a completely plastic operation box on the top of the equipment and make it easy to operate.
Principle technical data:
Power Voltage: AC220V±22V,50Hz±1Hz
Input power: ≤250VA
Flux: ≥2 L/min
Self-control: washing amount is 250~350mL/time, absorbing amount is 300~450mL/time
Noise: ≤65 dB (A)
Reservoir capacity: 10L/pc, 2pieces



MM68

Electirc Wash Machine for Stomach
Electirc Wash Machine for Stomach, is intended for saving lives of patients who have taken poison or had toxic food in emergency cases and for washing stomach befroe operation in hospitals.
1.Powered by electromagnetism pump and carries out double function of rinse and suction to wash stomach through out.
2.The unit case made of engineering plastics,external appearance novel and smoothly.Operating tray can be placed on top of the unit case that provides facility.
3.The working system of pressure controlling designed strictly as to adjust the rinse or suction pressure according to the requirement in clinic.
4.Alert device makes it convenient for trouble shooting and service.
Specifications
1.Flow Rate:≥2L/min
2.Auto-Control:Capacity of rinse:250-350mL,Capacity of suction:300-450mL
3.Pressure control:positive & negative pressure ,setting level 47-67KPa
4.Noise:≤60dB(A) 5.Storage Bucket:10L×2
6.Power supply:-220V±10%,50Hz 7.Input power:250VA
8.G.W.:27kg 9.Dimension:540mm×490mm×930mm



MM69

mannal suction device
The hand suction unit is mainly used in different levels of hospital to absorb the phlegm, purulence, blood. With the advantage of small size , light weight, easy to carry and use, also no electricity powder needed, the unit is perfect for remote area, clinic in village, in home care, first aid in open country and operation without no electricity powder.
1. Max vacuum: ≥0.04MPa
3. Max. flow: ≥20L/min
4.suction bottle storage capacity: 200ml
5. Weight: 192g



MM70

manual suction has adjustable botton,can provide different suction pressure .50% can produce 300mmHg vacuum;100% can produce 600mmHg vacuum.
Function:
Take out of purulence or sputum from throat or windpipe.
Get rid of venom from wound



MM71

This suction is a manual vacuum suction.You only need one hand to operate.This design of the suction is easy to operate and maintain .
User manual:
1.Before using,check of the suction is normal.
2.Chose a proper suction tube,confirm it is connected the suction bottle.
3.Take out sputum from patients' mouth.
4.After suction,take out the suction tube.
Technical specification
Vacuum(max): 0.06MPa Peak free airflow: ≥20L/min

SPARE PARTS



MM72

The terminal suction apparatus for wall resource



MM73

Vacuum Regulator
The control switch can be set in three states:REG,OFF and FULL.In a state of REG,the vacuum level of the wall source can be adjusted by the regulator;and high vacuum can be used in the state of FULL.
Membrane suction regulator,the vacuum can be regulated from 0 to 20KPa(-150mmHg),and the regulated vacuum in the range can be kept steady.
The overflow protection device can safely and efficiently prevent the liquid from entering into the regulator or the pipeline.
Pressure relief valve can safely and efficiently prevent the device and the patient from damaging by the pressure.



MM74

Vacuum Regulator
The control switch can be set in two states:OFF and ON.In the state of ON,the vacuum level of the wall source can be adjusted by the regulator;
Membrane suction regulator,the vacuum can be regulated from 0 to -90KPa(-680mmHg).The overflow protection device can safely and efficiently prevent the liquid from entering into the regulator or the pipeline.
Pressure relief valve can safely and efficiently prevent the device and the patient from damaging by the pressure.



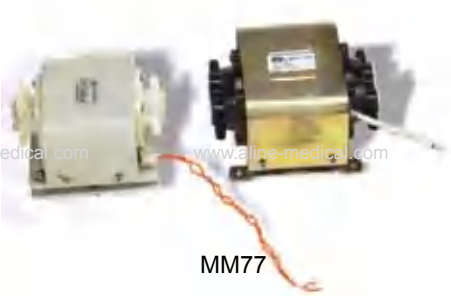
MM75

Safety valve
Checkvalve
the vacuum meter
Regulator Valve
Vacuum Relase Valve



MM76

foot switch



MM77

DB4A-A12 the electromagnetic vacuum pump



MM78

the electromagnetic water pump



MM79

the electromagnetic vacuum pump



MM80

Polycarbonate Bottle(3L,4L)



MM81

Polycarbonate Bottle(1L,2L)



MM82

Bottle of the Gastriclavage Apparatus



bottle of the Abortion Suction Unit MM83 bottle of the Pedal Suction Apparatus



MM84



MM85 Glass bottle(1L,1.5L,2.5L,3L,4L)



MM86

Suction set



MM87

suction tube



MM88

stomach tube



MM89

The PVC plastic tube

MM90

Air filter

SHADOELESS LAMPS

EXAMINATION LAMP



MN1
surgical reflector lamp



MN2



MN3

MN2 Single reflector
Illuminance:≥12000Lx
Color Temperature: 3500±500k
Mains Voltage:-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage Of Bulb: 24V
Rated Power Of Bulb:25W

MN3 Single reflector
(Stepless light adjustments,tungsten halogen Lamp)
Illuminance:≥20000Lx
Color Temperature: 3500±500k
Mains Voltage: -220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz Rated Voltage Of Bulb: 24V
Rated Power Of Bulb:50W



MN4



MN5



MN6

MN4/MN5 It is fit for auxiliary lighting for medical examination on ears,nose,oral cavity,urinary system and gynaecology.
Technical specifications
Illumination Lx(at the distance of 1m): ⩾25000
Color temperature:3000 ± 500
Power supply:220 ± 10% 50Hz
Rated voltage of bulb:AC24V
Rated power of bulb:50W
Input power:60
Note:Tungsten halogen bulb

MN6 Luminescence haplopore operation lamp(mobile)
Luminescence haplopore operation lamp is fit for awxiliary lighting for medical examination on ears, nose, oral cavity ,urinary system and gynaecology. It adopts cold light source of halogen bulb, stepless adjustment of light, vertical mobile setup with braking device is not limited by the space of surgical room and is safe and reliable in use.
Illumination:≥30000Lx
Color temperature:3000±500k
Main voltage: AC 220V±10% 50HZ
Rated voltage of bulb:AC24v
Rated power of bulb:50w Input power:60VA



MN7



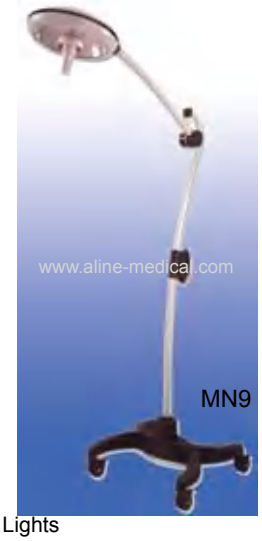
MN8

MN7 Examination Lamp
As an auxiliary lighting equipment. the diagnostic lamp is appropriate for medical examinations and clinic surgeries,etc..The lamp of this type is in simple structure and convenience in maintenance. All its key parts are used those of world famous brands. so that the stabilities and reliabilities of the product can be guaranteed.

Illumination intensity(max.)	30000Lux
Color Temperature	3600±200k
Color rendering index	Ra≥90
Infrared ray absorption rate	95%
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz	
Bulb power/voltage	35W/12V
Bulb service life	4000h
Suitable illumination distance	300-800mm
Packing size	91×47×10 cm
Gross weight	8kg
Net weight	3kg

MN8
Examine lamps are used for examination of every medical department.
Color temperature:3000 ± 500K
Main voltage:AC 220 ± 10% 50Hz
Rated voltage of bulb:AC 12V
Rated power of bulb:30W
JC-IIA:facula can adjust

SHADOWLESS OPERAING LAMP



Surgical Lights
The lighting system offers a superior lighting solution for minor surgery procedures.assuring the highest quality of light for a product in its calss.
Illuminance(Lux): 60,000-120,000
Color temperature(K) 4300
Diameter of spot(MM) 100-300
Illuminance depth (MM) ≥800
Radiant power intensity Ee Ec(MW/'lux) 3.7
light adjusting steps The Promise,16-speed sequential display
Temperature rise(`C) (working area)(`C) ≤ 10
Operator head temperature rise(`C) ≤ 2
Automatic Switchin Automatic switching
power supply voltage(V.HZ) ~220V/50HZ
Input power(W) 200
Bulb Type Halogen bulb(Halogen)
Bulb Type 1500hour
Lowest height of installation(W)24V 100
Color Index (Ra) 93



Surgical Lights
Illuminance(Lux) 60,000-120,000
Color temperature(K) 4300±300
Diameter of spot(MM) 100-300
Illuminance depth (MM) ≥700
light adjusting steps,The Promise,16-speed sequential display
Temperature rise(`C) (working area)(`C) ≤ 12
Operator head temperature rise(`C) ≤ 2
Automatic Switchin Automatic switching
power supply voltage(V.HZ) ~220V/50HZ
Input power (W) 200
Bulb Type Halogen bulb(Halogen)
Bulb Type 1500hour
24V bulb power(W)24V 100
Lowest height of installation(MM) 2600
Color Index (Ra) 93



3 reflectors(tungsten halogen bulb)
Illuminance of main lamp: ≥60000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 50W
The lowest height for instal lation: 2900mm



MN12 4 reflectors
Illuminance: ≥40000Lx
Color Temperature: 4300±200K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb:25W



MN13 4 REFLECTORS(tungsten halogen bulb)
Illuminance:≥50000Lx
Color Temperature: 4300±200K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb:25W



MN14 5 reflectors(Vertical)
Illuminance:≥50000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb:25W



MN15 5 reflectors(Vertical,tungsten halogen bulb)
Illuminance: ≥60000Lx(Hanging,tungsten halogen bulb)
Color Temperature: 4300±200K
Color rendering index: Ra≥90
Mains Voltage: -220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 25W



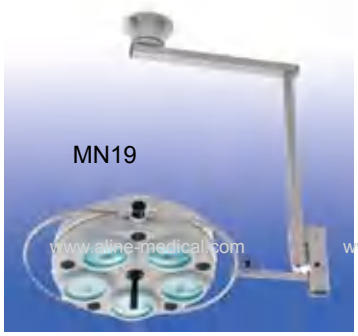
emergency operation lamp wiht 3 large refectors
Emergency shadowless lamp is better in appearance,quality ,illuminating source and design than the 4E and 5E.the illuminating source is tungsten-halogen lamp featuring high optical efficiency,low heat radiation and good performace.the large diameter reflaector made with CAD/CAM technology has optimized curved face which allows the single reflector offering shadowless result.the surface is covered with vacuum coating which will never slough.the focus control unit is easy to operate.the handle is made of engineering plastics and dismountable for sterilization purpose.the balancing system has reaso-nable structure. the lamp head can be pulled up-and-down easily.the above features contribute to an illumination environment in comp liance with IEC internation standards.
Illuminance:≥60000Lux
Temperature:4500±500K
of light spot:150±50mm
Color rendering index:Ra≥90
Power vo ltage(VAC/DC):-220V±22V 50Hz±1Hz
-110V±11V 60Hz±1Hz
Rated power capacity of bulb:24
Rated power capacity of bulb(W):50
power consumption(W):150W
Duration of extended power supplying(≥hr):≥3hr
charge type of storage battery Quick charge and floating charge
Rated value of fuse(A)RTT:T1.6AL 250VP



emergency operation shadowless lamp wiht 4 refectors
VERTICAL EMERGENCY COLD LIGHT OPERATION LAMP with power box in one unit. it,s easy to move.stable to locate.under normal condition,it can be powered by indoors 220V AC power.under emergency time,the mai-ntenance-free storage batteries can be used.the duration≥2hours (may vary according to the customer,s demands).the integrated control circuit system offers high reliability (MTBF≥10000brs),quick change and floating change ability,excellent electric network adaptability,satisfactory stability and overheat/short circuit protection.the 10-section a LED lumination shows the working status and the remaining capacity of battery.
Illuminance 40000Lux
Temperature 4500±500K
of light spot 150±50mm
Color rendering index Ra≥90
Power vo ltage(VAC/DC) 2 2 0 V ± 2 2 V 50Hz±1Hz
110V±11V 60Hz±1Hz
Rated power capacity of bulb 24V
Rated power capacity of bulb(W) 25W
power consumption(W) 100
Duration of extended power supplying(≥hr) ≥3hr
charge type of storage battery Quick charge and floating charge
Rated value of fuse(A)RTT T1.6AL 250VP



emergency operation shadowless lamp wiht 5 refectors
VERTICAL EMERGENCY COLD LIGHT OPERATION LAMP with power box in one unit. it,s easy to move.stable to locate.under normal condition,it can be powered by indoors 220V AC power.under emergency time,the mai-ntenance-free storage batteries can be used.the duration≥2hours (may vary according to the customer,s demands).the integrated control circuit system offers high reliability (MTBF≥10000brs),quick change and floating change ability,excellent electric network adaptability,satisfactory stability and overheat/short circuit protection.the 10-section a LED lumination shows the working status and the remaining capacity of battery.
Illuminance ≥50000Lux
Temperature 4500±500K
of light spot 150±50mm
Color rendering index Ra≥90
Power vo ltage(VAC/DC) 2 2 0 V ± 2 2 V 50Hz±1Hz
110V±11V 60Hz±1Hz
Rated power capacity of bulb 24V
Rated power capacity of bulb(W) 25W
power consumption(W) 100
Duration of extended power supplying(≥hr) ≥3hr
charge type of storage battery Quick charge and floating charge
Rated value of fuse(A)RTT T1.6AL 250VP



5 reflectors(Hanging)
Illuminance:≥50000Lx(Hanging)
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:
-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb:25W



5 reflectors(Hanging,tungsten halogen bulb)
Illuminance:≥60000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:
-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb:25W



6 REFLECTORS(build-in type,tungsten halogen bulb)
Illuminance of main lamp:
80000-120000Lx(Stepless light adjustments)
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 50W
The lowest height for instal lation:2900mm



9 reflectors
Illuminance: ≥90000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:
-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb: 25W
The lowest height for instal lation:2900mm



9 reflectors(build-in type,tungsten halogen bulb)
Illuminance: ≥100000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb: 25W
The lowest height for instal lation:2900mm



12 reflectors
Illuminance: ≥120000Lx(4 Steps Adjustable)
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:
-220V±22V 50Hz±1Hz
-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 25W
The lowest height for instal lation: 2900mm



12 reflectors(build-in type,tungsten halogen bulb)
Illuminance:80000-140000Lx(4 Steps Adjustable)
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:
-220V±22V 50Hz±1Hz,
-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb: 25W
The lowest height for instal lation:2900mm



Supplementary lamp(build-in type,tungsten halogen bulb)
Illuminance of main lamp: 3000-60000Lx(Stepless light adjustments)
Illuminance of supplementary lamp: 3000-60000Lx(Stepless light adjustments)
Color Temperature: 4500±500K
Color rendering index:Ra≥90
Mains Voltage -220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 50W
The lowest height for instal lation: 2900mm



Supplementary lamp(build-in type,tungsten halogen bulb)
Illuminance of main lamp: 80000-120000Lx(Stepless light adjustments)
Illuminance of supplementary lamp: 3000-60000Lx(Stepless light adjustments)
Color Temperature: 4500±500K
Color rendering index:: Ra≥90
Mains Voltage -220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage: 24V
Rated Power Of Bulb: 50W
The lowest height for instal lation: 2900mm



Supplementary lamp(build-in type,tungsten halogen bulb)
Illuminance of main lamp: 80000-140000Lx(4 Steps Adjustable)
Illuminance of supplementary lamp: ≥60000Lx
Color Temperature: 4500±500K
Color rendering index: Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz,-110V±11V 60Hz±1Hz
Rated Voltage:24V
Rated Power Of Bulb: 25W
The lowest height for instal lation:2900mm

COLDLIGHT SHADOWLESS OPERATING LAMP WITH SUPPLEMENTARY LAMP



Build-in type,tungsten halogen bulb

Illuminance of Main Lamp:80000-140000Lx(4 Steps Adjustable)
MN29:80000-120000Lx(4 Steps Adjustable)
Illuminance of Sulementary Lamp:
MN30:≥60000Lx,MN29:≥50000Lx
Color Temperature:4300±200k
Color rendering index:Ra≥90
Mains Voltage:-220V±22V 50Hz±1Hz/-110V±11V



60Hz±1Hz
Rated Voltage of Bulb:24V
Rated Power of Bulb:25W
The lowest height for Installation:2900mm

Lamp head	114x114x38.5(cm)	65kg	25kg
Lamp head	77x67x36(cm)	33kg	16kg
Swivel ling arm	116x43x42(cm)	78kg	49kg



Integral Reflection Operating Lamp
Illumination intensity(max.) 105,000lux
Adjustment range of illumination intensity 100%-50%
Power of bulb 120W
Service life of bulb ≥800h
Depth of focus 110cm
Diameter of luminous spot 12-25cm
Dia.of lamp disc 520mm
Effective area 1352cm²
Color temperature 4300k(±5%)
CRI Ra≥93
Ir ratio of absorption 99%
Rated voltage of bulb:-220V±22V 50Hz±1Hz
-110V±11V 60Hz±1Hz
Rated power of bulb 24V
The lowest height for instal lation 2900mm
Executive standard IEC60601-2-41 2000



MN32

Integral Reflection Operating Lamp
Illumination intensity(max.) 145,000lux
Adjustment range of illumination intensity 100%-50%
Power of bulb 150W
Service life of bulb ≥1000h
Depth of focus 110cm
Diameter of luminous spot 15-28cm
Dia.of lamp disc 700mm
Effective area 2462cm²
Color temperature 4300k(±5%)
CRI Ra≥93
Ir ratio of absorption 99%
Rated voltage of bulb:-220V±22V 50Hz±1Hz
-110V±11V 60Hz±1Hz
Rated power of bulb 24V
The lowest height for instal lation 2900mm
Executive standard IEC60601-2-41 2000



MN33

Wall-mounted Integral Reflection Operating Lamp
Illumination intensity(max.) 145,000lux
Adjustment range of illumination intensity:100%-50%
Power of bulb 150W
Service life of bulb ≥1000h
Depth of focus 110cm
Diameter of luminous spot 15-28cm
Dia.of lamp disc 700mm
Effective area 2462cm²
Color temperature 4300k(±5%)
CRI Ra≥93
Ir ratio of absorption 99%
Rated voltage of bulb:-220V±22V 50Hz±1Hz
-110V±11V 60Hz±1Hz
Rated power of bulb 24V
The lowest height for instal lation:2900mm
Executive standard IEC60601-2-41 2000



MN34

Integral Reflection Operating Lamp

Illumination intensity(max.)	105,000lux	105,000lux
Adjustment range of illumination intensity	100%-50%	100%-50%
Power of bulb	120W	120W
Service life of bulb	≥800h	≥800h
Depth of focus	110cm	110cm
Diameter of luminous spot	12-25cm	12-25cm
Dia.of lamp disc	520mm	520mm
Effective area	1352cm²	1352cm²
Color temperature	4300k(±5%)	
CRI	Ra≥93	
Ir ratio of absorption	99%	
Rated voltage of bulb	220V±22V 50Hz±1Hz	
	110V±11V 60Hz±1Hz	
Rated power of bulb	24V	
The lowest height for instal lation	2900mm	

Executive standard IEC60601-2-41 2000



MN35

Integral Reflection Operating Lamp

Illumination intensity(max.)	145,000lux	105,000lux
Adjustment range of illumination intensity	100%-50%	100%-50%
Power of bulb	150W	120W
Service life of bulb	≥1000h	≥800h
Depth of focus	110cm	110cm
Diameter of luminous spot	15-28cm	12-25cm
Dia.of lamp disc	700mm	520mm
Effective area	2462cm²	1352cm²
Color temperature	4300k(±5%)	
CRI	Ra≥93	
Ir ratio of absorption	99%	
Rated voltage of bulb	220V±22V 50Hz±1Hz	
	110V±11V 60Hz±1Hz	
Rated power of bulb	24V	
The lowest height for instal lation	2900mm	

Executive standard IEC60601-2-41 2000



MN36

Integral Reflection Operating Lamp

Illumination intensity(max.)	145,000lux	145,000lux
Adjustment range of illumination intensity	100%-50%	100%-50%
Power of bulb	150W	150W
Service life of bulb	≥1000h	≥1000h
Depth of focus	110cm	110cm
Diameter of luminous spot	15-28cm	15-28cm
Dia.of lamp disc	700mm	700mm
Effective area	2462cm²	2462cm²
Color temperature	4300k(±5%)	
CRI	Ra≥93	
Ir ratio of absorption	99%	
Rated voltage of bulb:220V±22V 50Hz±1Hz		
110V±11V 60Hz±1Hz		
Rated power of bulb	24V	
The lowest height for instal lation	2900mm	

Executive standard IEC60601-2-41 2000



Illumination Lx(at the distance of 1m):40000-100000
Color temperature:4500 ± 500
Diameter of sport:100-280
Depth of light beam: ⩾600
Brightness adjustment:8-stage continuous light adjustment
Service range for temperature rise(℃): ⩽12
Temperature rise on the head of patient under surgical operation(℃):2
Diameter of lamp holder:500
Shift of major and stand by lamps:aAutomatic
Bulb power:150
Power supply:220 ± 20% 50Hz
Input power:200
Minimum height for installation(mm):2800-3200



Illumination Lx(at the distance of 1m):50000-120000
Color temperature:4500 ± 500
Diameter of sport:100-280
Depth of light beam: ⩾600
Brightness adjustment:8-stage continuous light adjustment
Service range for temperature rise(℃): ⩽12
Temperature rise on the head of patient under surgical operation(℃):2
Diameter of lamp holder:500
Shift of major and stand by lamps:aAutomatic
Bulb power:150
Power supply:220 ± 20% 50Hz
Input power:200
Minimum height for installation(mm):2800-3200



SHADOWLESS OPERATION LAMP
Luminance:
≥160, 000Lux
≥160, 000Lux
Color temperature range:
3500~5000k
Spot diameter:
150~300(mm)
IIlumination depth:
≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:
≤1°
Power supply:
~220V 50HZ
Input power:
600VA
Bulb of power:
3W×19×5
3W×19×5
Color indication index:
≥97%
Six-dimensional joint:
360°
Lowest height of installation:
2600mm



SHADOWLESS
OPERATION LAMP
Luminance:
≥160, 000Lux
≥140, 000Lux
Color temperature range:
3500~5000k
Spot diameter:
150~300(mm)
IIlumination depth:
≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:
≤1°
Power supply:
~220V 50HZ
Input power:
540VA
Bulb of power:
3W×19×5
3W×19×5
Color indication index:
≥97%
Six-dimensional joint:
360°
Lowest height of installation:
2600mm



SHADOWLESS
OPERATION LAMP
Luminance:
≥160, 000Lux
≥120, 000Lux
Color temperature range:
3500~5000k
Spot diameter:
150~300(mm)
IIlumination depth:
≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:
≤1°
Power supply:
~220V 50HZ
Input power:
480VA
Bulb of power:
3W×19×5
3W×19×3
Color indication index:
≥97%
Six-dimensional joint:
360°
Lowest height of installation:
2600mm



MN42

SHADOWLESS
OPERATION LAMP
Luminance:≥140, 000Lux,≥140, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:480VA
Bulb of power:3W×19×4,3W×19×4
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



MN43

SHADOWLESS
OPERATION LAMP
Luminance:≥140, 000Lux,≥120, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:420VA
Bulb of power:3W×19×4,3W×19×3
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



MN44

SHADOWLESS
OPERATION LAMP
Luminance:≥120, 000Lux,≥120, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:360VA
Bulb of power:3W×19×3,3W×19×3
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



MN45

SHADOWLESS
OPERATION LAMP
Luminance:≥120, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:180VA
Bulb of power:3W×19×3
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



MN46

SHADOWLESS
OPERATION LAMP
Luminance:≥140, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:240VA
Bulb of power:3W×19×4
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



MN47

SHADOWLESS
OPERATION LAMP
Luminance:≥160, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:300VA
Bulb of power:3W×19×5
Color indication index:≥97%
Six-dimensional joint:360°
Lowest height of installation:2600mm



SHADOWLESS
OPERATION LAMP
Luminance:≥35, 000Lux
Color temperature range:
3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:60VA
Bulb of power:3W×19
Color indication index:≥97%



SHADOWLESS
OPERATION LAMP
Luminance:≥120, 000Lux
Color temperature range:
3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:180VA
Bulb of power:3W×19×3
Color indication index:≥97%



SHADOWLESS
OPERATION LAMP
Luminance:≥140, 000Lux
Color temperature range:
3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:240VA
Bulb of power:3W×19×4
Color indication index:≥97%



SHADOWLESS
OPERATION LAMP
Luminance:≥160, 000Lux
Color temperature range:
3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:300VA
Bulb of power:3W×19×5
Color indication index:≥97%



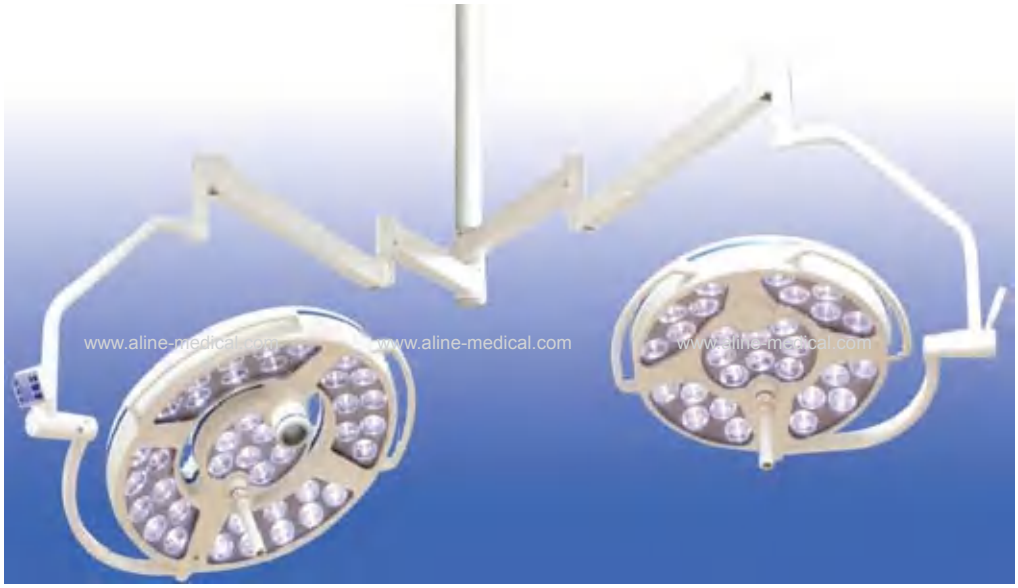
SHADOWLESS
OPERATION LAMP
(EMERGENCY LAMP)
Luminance:≥120, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:180VA
Bulb of power:3W×19×3
Color indication index:≥97%
Emergency time:≥3h



SHADOWLESS
OPERATION LAMP
(EMERGENCY LAMP)
Luminance:≥140, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:240VA
Bulb of power:3W×19×4
Color indication index:≥97%
Emergency time:≥3h



SHADOWLESS
OPERATION LAMP
(EMERGENCY LAMP)
Luminance:≥160, 000Lux
Color temperature range:3500~5000k
Spot diameter:150~300(mm)
Illumination depth:≥800(mm)
Light-adjusting mode:
Eight grade dimmer system
Temperature at surgeon's head:≤1°
Power supply:~220V 50HZ
Input power:300VA
Bulb of power:3W×19×5
Color indication index:≥97%
Emergency time:≥3h



MN55



LASER POINTER
TO CENTER LIGHT FIELD



MN56

MN55 Surgical Lights
Sort: LED surgical light
Illuminance(Lux) 80,000-160,000
Color temperature(K) 4300
Diameter of spot(MM) 100-300 100-300
Illuminance depth (MM) ≥800
Light Note depth(MM)(L1+L2) ≥1300
Radiant power intensity Ee Ec(MW/'lux) 3.7
light adjusting steps The Promise,16-speed sequential display
Temperature rise(`C) (working area)(`C) ≤ 5
Operator head temperature rise(`C) ≤ 1
Automatic Switchin Automatic switching
power supply voltage(V.HZ) ~220V/50HZ
Input power(W) 800
Bulb Type Halogen bulb(Halogen)
Bulb Type30000hour
24V bulb power(W)24V 150/150
Lowest height of installation(MM) 2600
Color Index (Ra) 92

MN56 Surgical Lights
Illuminance(Lux) 80,000-130,000
Color temperature(K) 4500
Diameter of spot(MM) 100-300
Illuminance depth (MM) ≥800
Light Note depth(MM)(L1+L2) ≥1300
Radiant power intensity Ee Ec(MW/'lux) 3.7
light adjusting steps The Promise,16-speed sequential display
Temperature rise(`C) (working area)(`C) ≤ 5
Operator head temperature rise(`C) ≤ 1
Automatic Switchin Automatic switching
power supply voltage(V.HZ) ~220V/50HZ
Input power(W) 400
Bulb Type Halogen bulb(Halogen)
Bulb Type30000hour
24V bulb power(W)24V 150/150
Lowest height of installation(MM) 2400
Color Index (Ra) 97



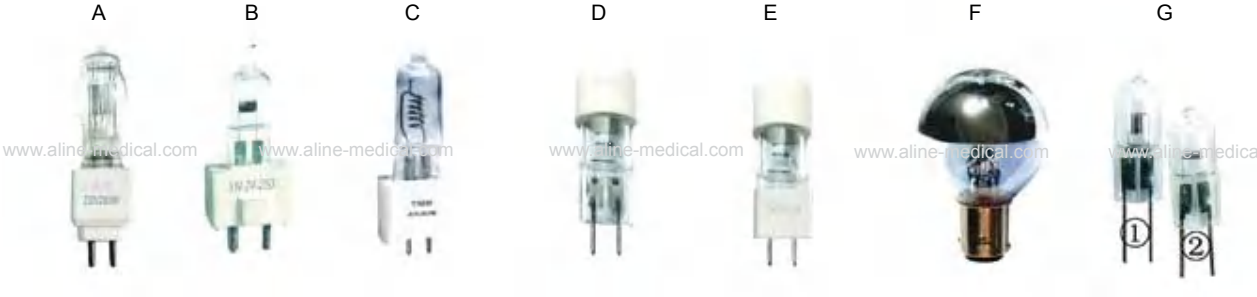
MN57 Shadowless Lamps



MN58 Dichroci Halogen Lamps



MN59 Tungsten Halogen Lamps



MN60

VERTICAL PRESSURE STEAM STERILIZER SERIES



MO1

MO1 Fully stainless steel structure
Hand wheel type of quick-open door structure
Door safety lock system
Automatically controlled by computer
Digital display of working status,touch type key
Over temperature & over pressure auto-protection
Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry
Self--inflating type seal
Safe protection of water lacking
The drying system is optional,which can be equipped according to the customers' request
Automatically shut off with beep reminding after sterilization
With two stainless steel sterilizing basket

Technical Data	35L-II	50L-II	75L-II	100L-II
Chamber volume	35L Φ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.14Mpa
Working temperature	134℃	134℃	134℃	126℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.165Mpa
Heat average		≤±1℃		
Timer		0~99min or 0~99hour59min		
Adjustment of temperature		0~134℃		0~126℃
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz		4.5Kw/AC220V.50Hz
Overall dimension	600*410*1030	650*410*1140	690*470*1140	730*510*1270
Transport dimension	730*500*1170	730*500*1290	760*550*1290	820*600*1380
G.W/N.W	96Kg/77Kg	102Kg/83Kg	120Kg/98Kg	135Kg/110Kg



MO2

MO2 Characteristics
Fully stainless steel structure
Indicator light indicates working state
Over temperature & over pressure auto-protection
Double scale indication pressure gauge
Safe protection of water lacking
Automatically shut off with beep reminding after sterilization
Easy ti operate,safe and reliable
With two stainless steel sterilizing baskets

Technical Data	35L	50L	75L	100L
Chamber volume	35LΦ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.22Mpa
Working temperature	134℃	134℃	134℃	134℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.23Mpa
Heat average		≤±1℃		
Timer		0~60min		
Adjustment of temperature		105~134℃		
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	480*460*850	520*520*980	560*560*980	590*590*1080



MO3

MO3 Characteristics
Indicator light indicates working state
Over-temperature & over-pressure auto-protect device
Double scale indication pressure gauge
Safe protection of water lacking
With the below exhaust structure, which is convenient to exhaust the cold air
Automatically shut off with beep reminding after sterilization
Fully stainless steel structure
Easy to operate,safe and reliable
With two stainless steel sterilizing baskets

Technical Data	120L	150L
Chamber volume	120L (Φ480*660)mm	150LΦ(510*740)mm
Working pressure	0.22Mpa	
Working temperature	134℃	
Max.working pressure	0.23Mpa	
Heat average	≤±1℃	
Timer	0~60min	
Adjustment of temperature	105~134℃	
Power	6Kw/AC220V.50Hz	
Overall dimension	600*640*1140mm	670*690*1130mm
Transport dimension	730*730*1270mm	760*760*1270mm
G.W/N.W	125Kg/100Kg	135Kg/110Kg



MO4

MO4 Fully stainless steel structure
Hand wheel type of quick-open door structure
Pressure safety lock
Indicator light indicates working state
Over temperature & over pressure auto-protection
Double scale indication pressure gauge
Self inflating type seal
Safe protection of water lacing
Automatically shut off with beep reminding after sterilization
Easy to operate,safe and reliable
With two stainless steel sterilizing baskets

Technical Data	35L-III	50L-III	75L-III	100L-III
Chamber volume	35L Φ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.14Mpa
Working temperature	134℃	134℃	134℃	126℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.165Mpa
Heat average		≤±1℃		
Timer		0~60min		
Adjustment of temperature		105~134℃		105~126℃
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	400*580*1000	410*600*1030	460*660*1110	510*730*1220
Transport dimension	730*500*1170	730*500*1290	760*550*1290	820*600*1380
G.W/N.W	88Kg/69Kg	93Kg/73Kg	105Kg/81Kg	120Kg/95Kg



MO5

MO5 Fully stainless steel structure
Hand wheel type of quick-open door structure
Pressure safety lock
Indicator light indicates working state
Over temperature & over pressure auto-protection
Double scale indication pressure gauge
Self inflating type seal
Safe protection of water lacing
Automatically shut off with beep reminding after sterilization
Easy to operate,safe and reliable
With two stainless steel sterilizing baskets

Technical Data	35L-I	50L-I	75L-I	100L-I
Chamber volume	35L Φ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.14Mpa
Working temperature	134℃	134℃	134℃	126℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.165Mpa
Heat average		≤±1℃		
Timer		0~60min		
Adjustment of temperature		105~134℃		105~126℃
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	450*450*1010	510*470*1130	560*560*1120	540*560*1250
Transport dimension	570*550*1150	590*590*1280	650*630*1280	680*630*1370
G.W/N.W	72Kg/56Kg	88Kg/68Kg	100Kg/80Kg	110Kg/85Kg



MO6

MO6 Fully stainless steel structure
Digital display of working status,touch type key
Auto discharge the cool air,and steam discharging automatically sfter sterilization
Automatically shut of with beep reminding after sterilization
Easy to operate,safe and reliable
With two stainless sterilizing baskets
The drying system is optional,which can be equipped according to the customers request

Technical Data	35L(digital)	50L(digital)	75L(digital)	100L(digital)
Chamber volume	35L Φ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.22Mpa
Working temperature	134℃	134℃	134℃	134℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.23Mpa
Heat average		≤±1℃		
Timer		0~99min or 0~99hour59min		
Adjustment of temperature		105~134℃		105~134℃
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	480*460*850	520*520*980	560*560*980	590*590*1080
Transport dimension	570*550*970	7590*590*1110	650*630*1150	680*650*1220
G.W/N.W	56Kg/42Kg	68Kg/50Kg	90Kg/70Kg	105Kg/85Kg



MO7 Fully stainless steel structure
Hand wheel type of quick-open door structure
Door safety lock system
Digital display of working status,touch type key
Auto discharge the cool air,and steam discharging automatically sfter sterilization
Over temperature & over pressure auto-protection
Safe protection of water lacing
Self inflating type seal
Automatically shut of with beep reminding after sterilization
With two stainless sterilizing baskets
Possible to install dryingsystem according request

Technical Data	35L-I(digital)	50L-I(digital)	75L-I(digital)	100L-I(digital)
Chamber volume	35L Φ318*450mm	50LΦ340*550mm	75LΦ400*600mm	100LΦ440*650mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.14Mpa
Working temperature	134℃	134℃	134℃	126℃
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.165Mpa
Heat average		≤±1℃		
Timer		0~99min or 0~99hour59min		
Adjustment of temperature		105~134℃		105~126℃
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	450*450*1010	510*470*1130	560*560*1120	540*560*1250
Transport dimension	570*550*1150	590*590*1280	650*630*1280	680*630*1370
G.W/N.W	72Kg/56Kg	88Kg/68Kg	100Kg/80Kg	110Kg/85Kg



MO8 The chamber of the sterilizer is made of stainless steel
Indicator light indicates working state
Over temperature & over pressure auto-protection
Safe protection of water lacing
Double scale indication pressure gauge
Automatically shut of with beep reminding after sterilization
Easy to operate,safe and reliable
With stainless steel sterilizing basket

Technical Data	35L
Chamber volume	35L Φ318*450mm
Working pressure	0.14~0.16 Mpa
Working temperature	126℃
Temperature scope	105~126℃
Timer	0~60 min
Power	2.5Kw/AC220V.50Hz
dimension	450*450*750mm
Transport dimension	580*560*1000mm
G.W/N.W	58Kg/45Kg



MO9 The chamber of the sterilizer is made of stainless steel
Indicator light indicates working state
Over temperature & over pressure auto-protection
Safe protection of water lacing
Double scale indication pressure gauge
Automatically shut of with beep reminding after sterilization
Easy to operate,safe and reliable
With stainless steel sterilizing basket

Technical Data	50L
Chamber volume	50L (Φ340*550)mm
Working pressure	0.14Mpa
Working temperature	126℃
Timer	0~60 min
Temperature scope	105~126℃
Power	3Kw/AC220V.50Hz
dimension	510x470x1000mm
Transport dimension	590x590x1120mm
G.W/N.W	70Kg/53Kg



MO10 (MANUAL CONTROL)STAINLESS STEEL VERTICAL STEAM PRESSURE DISINFECTOR
Performance and characteristic:
All of products are made from stainless steel, which ensures to be durable.
Double floor tub for exhaust frame, the impact of sterilization is better
Manual adding water, level tube to direct water level
Double scale pressure and temperature display meter
safe valve auto control the pressure and temperature of sterilization
Drain valve can push the water in container, prevent bilge
Muti-direction of wheel with brake, easy moving and position
Immerge electric heating tube, heat efficiency is better
Sterilized temperature 126℃(Normal)121℃(optional)
Pressure control 0.14MPa≤P≤0.165MPa(optional)0.1MPa ≤P≤0.125MPa(optional)

Model:	50A	75A	75AI
Electric supply:		220V/50HZ	
Power:	3KW	3KW	3.8KW
Cubage:	50L	75L	100L

Operating temperature 126℃(Normal)121℃(optional)
In instrument temperature difference<2℃

Product size (cm):	70x51x82	70x51x93	70x51x104



MO11 (INTERLLIGENCE)AUTO-CONTROL HORIZONTAL STEAM PRESSURE DISINFECTOR
Performance and characteristic
The pressure container is made of superior stainless steel, which ensures to be durable.
Auto controlled by micro-computer.
LED digital screen set and dynamic temperature data.
Water tank and Sterilized room have double pressure and temperature display and control.
LED light and alert device indicate the status of equipment.
PID temperature-controlled function, can modify the control indicate to prevent the temperature.
Precision of temperature controlled:±0.5℃.
Auto adding water function, stop heating, continue heating when reach the low water position.
Over temperature(set temperature +2℃) alarm, stop heating.
Safety valve for over pressure protection.
The door unlock, steam can not enter into sterilized room.
Linkage device of door lock controlled by pressure, linkage device of door lock controlled by disinfecting status.
The airproof ring made of silicon rubber is not only durable but also with better result.
Maintain the status of water tank, and has drying function.
After heat preservation, the way of exhaust can be muti-choice, and suitable for different kinds of products.
Electric supply: 380V/50HZ
Power: 12KW
Range of temperature setting: indoor temperature +5℃-126℃
Range of time setting: 1min-99.59h
Difference in temperature:±1℃
Pressure of water replenish:≥0.35MPA
Cubage: 300L
Sterilized room size(cm): ∮60x100
Product size (cm):120*76*170



MO12 (INTELLIGENCE)STAINLESS STEEL VERTICAL STEAM PRESSURE DISINFECTOR
Performance and characteristic:
All of products are made from stainless steel, which ensures to be durable.
Double floor tub for exhaust frame, the impact of sterilization is better.
Above control board, easy operation and check.
Mirco-computer can control the adding water, let the cool air, heating, heat preservation and exhaust when sterilizing.
LED digital screen set and dynamic temperature data, timer.
LED light and alert device indicate the status of equipment.
PID temperature-controlled function, can modify the control indicate to prevent the temperature, precision of temperature controlled: ±0.5℃.
Adding water when water lack, when reach the normal water level, continue heating when adding water.
Over temperature(set temperature +2℃) stop heating and alarm.
Over pressure, safety valve open and push the steam.
The airproof ring made of silicon rubber is not only durable but also with better result.
Drain valve can push the water in container, prevent bilge.
Muti-direction of wheel with brake, easy moving and position.
Immerge electric heating tube, heat efficiency is better.

Model:	30Z	50Z	75Z	100Z
Electric supply:		220V/50HZ		
Power:	3KW	3KW	3KW	3.8KW

Range of temperature setting: indoor temperature +5℃-126℃ or-135℃
Range of time setting: 1min-99.59h
Difference in temperature:±1℃
Pressure of water replenish:≥0.35MPA

Cubage:	30L	50L	75L	100L
Product size (cm):	70x51x73	70x51x82	70x51x93	70x51x104



MO13 (AUTO CONTROL WATER)STAINLESS STEEL VERTICAL STEAM PRESSURE DISINFECTOR
Performance and characteristic:
All of products are made from stainless steel, which ensures to be durable.
Double floor tub for exhaust frame, the impact of sterilization is better.
Adding water when water lack, hint by light alarm, continue heating when adding water.
Double scale pressure and temperature display meter.
safe valve auto control the pressure and temperature of sterilization.
Drain valve can push the water in container, prevent bilge.
Muti-direction of wheel with brake, easy moving and position.
Immerge electric heating tube, heat efficiency is better.
Sterilized temperature 126℃(Normal)121℃(optional).
Pressure control 0.14MPa≤P≤0.165MPa(normal).0.1MPa≤P≤0.125MPa(optional).

Model:	30B	50B	75B
Electric supply:	220V/50HZ	220V/50HZ	220V/50HZ
Power:	3KW	3KW	3KW
Pressure of water replenish:	≥0.2	≥0.2	≥0.2
Cubage:	30L	50L	75L
Product size (cm):	70x51x73	70x51x82	70x51x93



MO14

MO14 (PARCH)STAINLESS STEEL VERTICAL STEAM PRESSURE DISINFECTOR
The container and basket are made from stainless steel, which ensures to be durable.
ABS plastic crust and steel tube firm.
Above control board, easy operation and check.
Mirco-computer can control the adding water, let the cool air, heating, heat preservation and exhaust when sterilizing.
LED digital screen set and dynamic temperature data, timer.
LED light and alert device indicate the status of equipment.
PID temperature-controlled function, can modify the control indicate to prevent the temperature, precision of temperature controlled:±0.5℃.
Adding water when water lack, when reach the normal water level, continue heating when adding water.
Over temperature(set temperature +2℃) stop heating and alarm.
Over pressure, safety valve open and push the steam.
The airproof ring made of silicon rubber is not only durable but also with better result.
Drain valve can push the water in container, prevent bilge.
Muti-direction of wheel with brake, easy moving and position.
Immerge electric heating tube, heat efficiency is better.

Model:	50FG	75FG
Electric supply:	220V/50HZ	
Power:	3KW	
Parch power:	0.5KW	
Range of temperature setting:	indoor temperature +5℃-126℃ or-135℃	
Range of time setting:	1min-99.59h	
Difference in temperature:	±1℃	
Cubage:	50L	75L
Sterilized room size(cm):	∮38x18/2	∮38x25/2
Product size (cm):	70x51x82	70x51x93



MO15

MO15 (INTERNAL RECYCLING)STAINLESS STEEL VERTICAL STEAM PRESSURE DISINFECTOR
The container and basket are made from stainless steel, which ensures to be durable.
Above control board, easy operation and check.
Mirco-computer can control the adding water, let the cool air, heating, heat preservation and exhaust when sterilizing.
LED digital screen set and dynamic temperature data, timer.
LED light and alert device indicate the status of equipment.
PID temperature-controlled function, can modify the control indicate to prevent the temperature, precision of temperature controlled: ±0.5℃.
Adding water when water lack, when reach the normal water level, continue heating when adding water.
Over temperature (set temperature +2℃) stop heating and alarm.
Over pressure, safety valve open and push the steam.
The airproof ring made of silicon rubber is not only durable but also with better result.
Drain valve can push the water in container, prevent bilge.
Muti-direction of wheel with brake, easy moving and position.
Immerge electric heating tube, heat efficiency is better.

Model:	50FN	75FN
Electric supply:	220V/50HZ	
Power:	3KW	
Range of temperature setting:	indoor temperature +5℃-126℃ or -135℃	
Range of time setting:	1min-99.59h	
Difference in temperature:	±1℃	
Pressure of water replenish:	≥0.2MPA	
Cubage:	50L	75L
Sterilized room size(cm):	∮38x18/2	∮38x25/2
Product size (cm):	70x51x82	70x51x93



MO16

MO16 (INTELLIGENCE)The container and basket are made from stainless steel, which ensures to be durable.
Humanized design with control board.
Spring star bar can be stable and easy board.
Mirco-computer can control the adding water, let the cool air, heating, heat preservation and exhaust when sterilizing.
LED digital screen set and dynamic temperature data, timer.
LED light and alert device indicate the status of equipment.
PID temperature-controlled function, can modify the control indicate to prevent the temperature, precision of temperature controlled:±0.5℃.
Over temperature(set temperature +2℃) stop heating and alarm.
Over pressure, safety valve open and push the steam.
The top of lock do not reach the position, can not heating, linkage device of door lock controlled by disinfecting status.
The airproof ring made of silicon rubber is not only durable but also with better result.
Muti-direction of wheel with brake, easy moving and position.
YM50/75FN steam circulation function (optional).
YM50/75FN drying function(optional)
YM50/75FGN steam circulation function and drying function.

Model:	50FGN	75FGN
Electric supply:	220V/50HZ	
Power:	3KW	
Range of temperature setting:	indoor temperature +5℃-126℃ or -135℃	
Range of time setting:	1min-99.59h	
Difference in temperature:	±1℃	
Medium: distilled water or cleaner water		
Cubage:	50L	75L
Sterilized room size(cm):	∮38x18/2	∮38x25/2
Product size (cm):	70x51x82	70x51x93



Mirror stainless steel made,durable used;Led touch screen and micro-computer control sterilized process;People face to computer,program setting,prevent matter;LED screen can display sterilized process and status;The preinstall three kinds(supplementary material,instrument,culture medium) the conventional standard antiseptic procedure may supply the choice, and some supplies the special use establishment from the definition space;Internal circel function,on steam in the container
Control temperature correct,floating temperature<±0.3℃,temperature difference of container <1℃
The airproof ring made of silicon rubber is not only durable but also with better result;Inclined control panel;easy operation. Over temperature(set temperature ±2℃)stop heating and alarm;Over pressure to 0.17Mpa,safety valve open and push the steam;Alert for can not open lid if container has pressure;LED alert for lid open,not heating,LED light alert for container presure,Ove area setting can not be confirmed and alert;Can offer data after sterilizing,Can print the adta for sterilized process,Muti-direction of wheel with brake,easy moving and position;Special being suitable under laboratory environment use need.
Model:50CM/75CM
Electric Supply:AC 220V/50Hz,Power:3
Printing function:May choose and match(Before the purchase)
MPa:≥0.2 ,Operating temperature:Indoor temerature Optional
Soaking time hypothesis scope:1-600 ,In instrument temperature difference:1
Temperature undulating quantity:±0.3,Cubage Use medium:50/75
Use medium:Distilled water or Pure water,Net basket size(cm)/integer:Φ 38*18/2/Φ 38*25/2
Product size:70*50*82/77*65*96,Product size(Wooden):70*51*93/77*65*106



made from stainless steel,durable used;Inclined conteol panel;easy operation;mirco-computer can contrl heating preservation;LED digital tube and light,indicate the status of equipment;PID temperature-controlled function,can modify the control indicate to pervent the temperature ,precision of temperature controlled:±0.5 ℃ Adding water when water lack when reach the normal water level,continue heating when adding water;Gravity exhaust design,effect stable;The airproof ring made of silicon rubber is not only durable but also with better result;Over temperature(set temperature +2 ℃)stop heating and alarm;Over pressure to 0.23Mpa, safety valve open and push the steam;offer interface for explosion proofbag;Water spraying can be fast for cooling process,it only take0-10min to make temperature from 135% to room temperature:Anti-air pressure auxiliary device can be choosed;Imrpove the disadvantage for breaking bag during sterilized process;Drain valvr can push the water in container,prevent bilge;Muti-direction of wheel with brake,easy moving and position;Immerge electric heating,tube,heat efficiency is better.
Electric Supply:AC 220V/50Hz,Power:3.8,Cubage:50
MPa:≥0.35 ,Operating pressure:Along with tempreature change
Operating temperature:Indoor temperature +5-135 optional
Soaking time:1-99.99 Minute or hour
In instrument temperature difference:<1
Product size:55*66*100 Product size(Wooden):76*86*118



VERTICAL PRESSURE STEAM STERILIZER
1. This sterilizer is vertical cylinder of one layer jacket. The main body and drum of sterilizer are made of high-quality stainless steel.
2. The sterilizer is equipped with immersed electro thermal tube, Pressure –temperature. User can select sterilizing temperature for steam sterilizing according to the requirement.
3. The lid of the sterilizer installed with safety valve, exhausting valve, pressure gauge, which can keep safety and reliability.

The Max. working pressure	0.15MPa
The Max. working temperature	126℃
Chamber capacity	50L(φ365mm×490mm)
The range of pressure	0.04~0.15Mpa
The range of temperature	109℃~126℃
Power supply	3kW/AC220V
Overall dimension	φ517mm×1112mm
Transport dimension	68×63×127(cm)
Net weight, Gross weight	(NET)68kg/(GROSS)100kg



VERTICAL PRESSURE STEAM STERILIZER
1. This sterilizer is vertical cylinder of one layer jacket. The main body and drum of sterilizer are made of high-quality stainless steel.
2. The sterilizer is equipped with immersed electro thermal tube, Pressure –temperature. User can select sterilizing tine at the range of temperature from 109℃ to 126℃ according to the requirement. This unit can heat automatically after setting time, and time during sterilizing procedure. As soon as timing is over, the device can cut-off heating power supply automatically and give a sound buzzing at the same time.
3. The sterilizer is setting safety valve, overloading- leakage current protector safety using and reliability of sterilizing.

The Max. working pressure	0.15MPa
The Max. working temperature:	126℃
Chamber capacity	50L(φ365mm×490mm)
The range of pressure	0.04~0.15Mpa
The range of temperature	109℃~126℃
The range of sterilizing period	0~60 min
Power supply	3.9kW/AC220V
Overall dimension	550mm×550mm×1100mm
Transport dimension	70×70×129(cm)
Net weight, Gross weight	(NET)82kg/(GROSS)115kg

PORTABLE PRESSURE STEAM STERILIZER SERIES



MO20

Automatic microcomputer type
Fully stainless steel structure
Hand wheel type of quick-open door structure
Digital display of working status,touch type key
Automatically shut of with beep reminding after sterilization
Electric heated
Easy to operate,safe and reliable

Technical Data	18HDD	24HDD
Chamber volume	18L(Φ280*260)mm	150LΦ(280*390)mm
Working pressure	0.14~0.16Mpa	
Working temperature	105~126℃	
Timer	0~99min	
Max. Safety pressure	0.165Mpa	
Heat average	≤±1℃	
Power	AC220V.50Hz/2KW	
Transport dimension	410*410*630mm	7410*410*750mm
G.W/N.W	14Kg/12Kg	15Kg/14Kg



MO22

Fully stainless steel structure
Indicator light indicates working state
Double scale indication pressure gauge
Time scope:0~60min
Automatically shut of with beep reminding after sterilization
Electric heated
Easy to operate, safe and reliable

Technical Data	18LDJ	24LDJ
Chamber volume	18L (Φ280*260)mm	24LΦ(280*390)mm
Working pressure	0.14~0.16Mpa	
Working temperature	126℃	
Timer range	0~60min	
Max. Safety pressure	0.165Mpa	
Heat average	≤±1℃	
Power	AC220V.50Hz/2KW	
Transport dimension	410x410x630mm	410x410x750mm
G.W/N.W	18Kg/16Kg	20Kg/18Kg



MO21

Fully stainless steel structure
Hand wheel type of quick-open door structure
Indicator light indicates working state
Double scale indication pressure gauge
Time scope:0~60min
Automatically shut of with beep reminding after sterilization
Electric heated
Easy to operate, safe and reliable

Technical Data	18HDJ	24HDJ
Chamber volume	18L (Φ280*260)mm	24LΦ(280*390)mm
Working pressure	0.14~0.16Mpa	
Working temperature	105~126℃	
Timer	0~60min	
Max. Safety pressure	0.165Mpa	
Heat average	≤±1℃	
Power	AC220V.50Hz/2KW	
Transport dimension	410x410x630mm	410x410x750mm
G.W/N.W	13Kg/12Kg	15Kg/14Kg



MO23

Fully stainless steel structure
Double scale indication pressure gauge
Electric heated
Easy to operate, safe and reliable

Technical Data	18LD	24LD
Chamber volume	18L (Φ280*260)mm	24LΦ(280*390)mm
Working pressure	0.14~0.16Mpa	
Working temperature	126℃	
Max. Safety pressure	0.165Mpa	
Heat average	≤±1℃	
Power	AC220V.50Hz/2KW	
Transport dimension	410*410*520mm	410*410*630mm
G.W/N.W	18Kg/16Kg	19Kg/17Kg



MO24

Fully stainless steel structure
Electric or LPG heated
Double scale indication pressure gauge
Easy to operate, safe and reliable

Technical Data	12LM
Chamber volume	12L (Φ240*200)mm
Working pressure	0.14~0.16Mpa
Working temperature	126℃
Max. Safety pressure	0.165Mpa
Power	AC220V.50Hz/2KW
Transport dimension	360*360*420mm
G.W/N.W	12Kg/11Kg



MO25

Fully stainless steel structure
Electric or LPG heated
Working pressure:0.14~0.16MPa
Working temperature:126℃
Double scale indication pressure gauge
Easy to operate, safe and reliable

Technical Data	18LM	24LM
Chamber volume	18L (Φ280*260)mm 24L(Φ280*390)mm	
Working pressure	0.14~0.16Mpa	
Working temperature	126℃	
Max. Safety pressure	0.165Mpa	
Power	AC220V.50Hz/2KW	
Transport dimension	410*410*430mm 410*410*550mm	
G.W/N.W	16Kg/14Kg	17Kg/15Kg



MO26

Fully stainless steel structure
Hand wheel type of quick-open door structure
Electric or LPG heated
Working pressure:0.14~0.16MPa
Working temperature:126℃
Double scale indication pressure gauge
Easy to operate, safe and reliable

Technical Data	12HM	18HM	24HM
Chamber volume	12L:Φ240*200mm 18L:Φ208*265mm 24L:Φ280*390mm		
Working pressure	0.14~0.16Mpa		
Working temperature	126℃		
Max.working pressure	0.165Mpa		
Power	AC220V.50HZ2.5Kw		
Transport dimension	12L:360x360x520 18L:410x410x550 24L:420x420x65		
G.W/N.W	12L:12Kg/10Kg 18L:13Kg/11Kg 18L:16Kg/14Kg		



MO27a

STAINLESS STEEL HANDLE STEAM PRESSURE DISINFECTOR
Stainless steel made,durable
Seating type configuration,place stable
Have power switch,easy operation
Bakelite star typo screw rod,when operation not scald one's hand
Has swivel, easy exhaust the concentrate water
Water level control prevent dryout function,pressure and temperature,easy visual
Press meter can display container pressure and temperature,easy visual
Safety value can control the pressure and sterilized temperature,safety and reliable
Exhaust value can exhaust the cool air and condensed water
Radial bulging configuration,easy operation
The airproof ring made of silicon rubber is not only durable but also with better resylt
Model: 208A/208A*
Electric Supply: AC220V/50Hz,Power:2,Cubage:18/24
Operating temperature: 126℃(121℃)Optional,(MPa): 0.142
Product size: 28*24/ 28*34 Product size:42*42*56/ 42*42*66



MO28



MO27b

STAINLESS STEEL HANDLE STEAM PRESSURE DISINFECTOR(Timing control,Prevent dryout)
Stainless steel made,durable
Seating type configuration,place stable
Has timing switch,heat preseration time controller easy operation
Bakelite star typo screw rod,when operation not scald one's hand
Has swivel, easy exhaust the concentrate water
Water level control prevent dryout function,pressure and temperature,easy visual
Press meter can display container pressure and temperature,easy visual
Safety value can control the pressure and sterilized temperature,safety and reliable
Exhaust value can exhaust the cool air and condensed water
Radial bulging configuration,easy operation
The airproof ring made of silicon rubber is not only durable but also with better resylt
Model: 208AS/208AS*
Electric Supply: AC220V/50Hz Power:2 Cubage:18/24
Time cut-out scope: 1-45Usually is the closure
Operating temperature: 126℃(121℃)Optional,(MPa): 0.142
Product size: 28*24/ 28*34 Product size:42*42*56/42*42*66

STAINLESS STEEL HANDLE STEAM PRESSURE DISINFECTOR(USE COAL AND ELECTRIAL)
Stainless steel made,durable
Bakelite star typo screw rod,when operation not scald one's hand
Electric heating and gas heating can be choosed
Use prevent-dryout heating tuber,can stop heating when dryout
Press meter can display container pressure and temperature,easy viisual
Safety value can control the pressure and sterilied temperature safety and reliable
Exhaust value can exhaust the cool air and condensed water
Radial bulging configuration easy operation
The airproof ring made of silicon rubber is not only durable but also with better result
Model:208B/208B* Electric Supply: AC220V/50Hz
Power: 2 Cubage: 18/24
Operating temperature: 126℃(121℃)Optional
(MPa): 0.142
Product size: 28*24/ 28*34
Product size: 42*42*56/42*42*66



MO29a

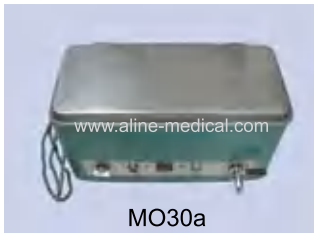
PORTABLE PRESSURE STEAM STERILIZER
1.The main body of this sterilizer is made of high quality ALUM alloy, The drum of this sterilizer is pressed and rolled to shape.
2.The lid of this sterilizer is installed with safety valve, exhausting valve, pressure gauge, which can keep temperature and pressure constant automatically.
3.The electrothermal tube is immersed. In case of no power, sterilizer can be heated by gas stove to ensure flame collect in ϕ200 mm circle.
4.Mode 280A is ordinary model which is simple constructed, easy maintenance. Mode 280B is low water model which protect the electrothermal tube, power is cut off and buzzer gives a alarm.
5.With advantages, such as, simple operation and portability the sterilizer is suitable for clinics, laboratories and tour clinics to use.
6.The sterilizer is applied to surgical instruments, dressings, flasks and so on to sterilize.
The working pressure: 0.15Mpa
The working temperature :126℃
Chamber capacity :24.4L (ϕ308mm×320mm)
Drum capacity :16L (ϕ280mm×260mm)
Power supply :2kW/220V~50Hz (2kW/Sigle phase 220V~50Hz)
Net weight :12kg
Casing :450mm×430mm×560mm



MO29b

Portable pressuresteam sterilizer instruction
Used for sterilization of surgical apparatuses dressing materials glassware medicines.

TABLE TOP STEAM STERILIZER SERIES



MO30a

Automatic time electro-thermal boiling sterilizer
structural character:
1,the cover of the sterilizer, the body of the unit and the instrument try are made of brass coated with nicked chromic. the outer casing is made of a fine quality steel plate coated with baking finish. the glass wool, a heat-insulating material is filled between the inner jacket and the outer casing so as to made full use of heat.
2,the heating element is an electro-chemical tube(220V,1500W) which is fixed on the bottom inside the main body. when the tube is electrified ,it heats the water directly and can fully utilize thermal energy.
3,this sterilizer can preset the time of sterilization, and automatically control the temperature of sterilization. when timing end, it can automatically cut off the power source.
overall dimension:444mm*207mm*235mm.
instrument tray dimensions:414mm*174mm*30mm.
power source:7A/ac 220V.
timer:0-30 min.
weight of whole unit:9 kg.



MO30b

Sterilizing course:Automatic sterilization controlled by computer easy to operate
Maximum temperature:134℃,suitable for 4-6 minutes flash sterilizing
Safe protection of water lacking
With over-temperature,over-pressure auto-protect device
After sterilization it will automatically cut the power and then alarm
Fully stainless steel structure

Technical Data	T24J
Chamber volume	24L (Φ270*410)mm
Working pressure	0.22Mpa
Working temperature	134℃
Adjustment of temperature	105~134℃
Timer	0-60min
Heat average	≤±1℃
Power	1.5KW/AC220V.50Hz
Sterilizing plate dimension	340*200*30mm(3piece) 560*350*500mm
Exterior package dimension	620*410*570mm
G.W/N.W	20Kg/18Kg



MO31

Indicator light indicates working state
For 4-6 minutes rapidly sterilizing
Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry
Over temperature & over pressure auto-protection
Safe protection of water lacking
Exhaust the cool air automatically
Door safety lock system
With three stainless steel sterilizing plates
Fully stainless steel structure
Automatically shut off with beep reminding after sterilization

Technical Data	20J	24J
Chamber volume	20L (Φ250x420)mm	24L (Φ250x520)mm
Working pressure	0.22Mpa	
Working temperature	134℃	
Adjustment of temperature	105~134℃	
Timer	0-60min	
Heat average	≤±1℃	
Power	1.5KW/AC220V.50Hz(AC110V 60Hz)	
Sterilizing plate(mm)	340x200x30(3piece)	400x200x30(3piece)
dimension	480x480x384mm	580x480x384mm
Exterior package dimension	700x580x500mm	800x580x500mm
G.W/N.W	43/38Kg	50/44 Kg



MO32

Indicator light indicates working state
For 4-6 minutes rapidly sterilizing
Sterilizing temperature and time can be preset
Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry
Over temperature & over pressure auto-protection
Safe protection of water lacking
Exhaust the cool air automatically
With three stainless steel sterilizing plates
The chamber of the sterilizer is made of stainless steel
Automatically shut off with beep reminding after sterilization

Technical Data	20J	24J
Chamber volume	20L (Φ250*420)mm	24L (Φ250*520)mm
Working pressure	0.22Mpa	
Working temperature	134℃	
Adjustment of temperature		105~134℃
Timer	0-60min	
Heat average	≤±1℃	
Power	1.5KW/AC220V.50Hz(AC110V 60Hz)	
Sterilizing plate	340*200*30mm(3piece)	400*200*30mm(3piece)
dimension	480*480*384mm	580*480*384mm
Exterior package dimension	700*580*500mm	800*580*500mm
G.W/N.W	44/40Kg	50/45Kg



MO33

Digital display of working status,touch type key
For 4-6 minutes rapidly sterilizing
Safe protection of water lacking
With three stainless steel sterilizing plates
With over-temperature ,over-pressure auto-protect device:
After sterilization it will automatically cut the power and then alarm
Fully stainless steel structure
Technical Data:24D
Chamber volume:24L (Φ270*410)mm
Working pressure:0.22Mpa
Working temperature:134℃
Adjustment of temperature:105~134℃
Timer:0-99min
Heat average:≤±1℃
Power:1.5KW/AC220V.50Hz
Sterilizing net:340*200*30mm(3piece)
dimension:560*350*500mm
Exterior package dimension:620*410*570mm
G.W/N.W:20/18Kg



MO34a

Indicator light indicates working state
For 4-6 minutes rapidly sterilizing
Sterilizing temperature ad time can be preset
Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry
Over temperature & over pressure auto-protection
Safe protection of water lacking
Exhaust the cool air automatically
Door safety lock system
With four stainless steel sterilizing plates
The chamber of the sterilizer is made of stainless steel
Automatically shut off with beep reminding after sterilization

Technical Data	20J	24J	35J	50J
Chamber volume(mm)		20LΦ250*420	24LΦ250*520	35LΦ300*500
50LΦ340*550				
Working pressure		0.22Mpa		
Working temperature	134℃			
Heat average		≤±1℃		
Timer		0~60min		
Adjustment of temperature		105~134℃		
Power	1.5Kw/AC 220V50Hz		2.7Kw/ac 220V50HZ	
Sterilizing plate	340*200*30	400*200*30	400*200*30	500*250*30
Overall dimension	480*480*384	580*480*384	730*550*510	770*600*540
Transport dimension	700*580*500	800*580*500	820*680*650	880*730*700
G.W/N.W	43/38Kg	50/44Kg	95/80Kg	112/93Kg



MO34b

For 4-6 minutes rapidly sterilizing
Digital display of working status,touch type key
With 3 fixed cycles of steriliaing program and oftionable for user
The whole process of water adding,temperature rising,sterilizing,drying steam discharge,and the environment for sterilizing will be clean and dry
Exhaust the cool air automatically
Safe protection of water lacking
Door safety lock system
With four stainless steel sterilizing plates
The chamber of the sterilizer is made of stainless steel
Automatically shut off with beep reminding after sterilization
With drying function

Technical Data	20D	24D
Chamber volume	20L (Φ250*420)mm	24L (Φ250*520)mm
Working pressure	0.22Mpa	
Working temperature	134℃	
Adjustment of temperature		105~134℃
Timer	0-99min	
Heat average	≤±1℃	
Power	1.5KW/AC220V.50Hz	
Sterilizing plate	340*200*30mm(3piece)	400*200*30mm(3piece)
dimension	480*480*380mm	580*480*384mm
Exterior package dimension	700*580*500mm	800*580*500mm
G.W/N.W	43/40Kg	50/45Kg



MO35

For 4-6 minutes rapidly sterilizing
Digital display of working status,touch type key
With 3 fixed cycles of steriliaing program and oftionable for user
The whole process of water adding,temperature rising,sterilizing,drying steam discharge,and the environment for sterilizing will be clean and dry
Exhaust the cool air automatically
Safe protection of water lacking
Door safety lock system
With four stainless steel sterilizing plates
The chamber of the sterilizer is made of stainless steel
Automatically shut off with beep reminding after sterilization
With drying function

Technical Data	20D	24D	35D	50D
Chamber volume(mm)	20LΦ250*420	24LΦ250*520	35LΦ300*500	50LΦ340*550
Working pressure		0.22Mpa		
Working temperature			134℃	
Heat average		≤±1℃		
Timer		0~99min		
Adjustment of temperature		105~134℃		
Power	1.5Kw/AC	220V50Hz	2.7Kw/ac	220V50HZ
Sterilizing plate	340*200*30	400*200*30	400*200*30	500*250*30
Overall dimension	480*480*384	580*480*384	730*550*510	770*600*540
Transport dimension	700*580*500	800*580*500	820*680*650	880*730*700
G.W/N.W	43/40Kg	50/45Kg	95/78Kg	112/93Kg



MO36

Sterilizing course:Automatic sterilization controlled by computer,easy to operate
Maximum temperature:121℃
suitable for 4-6 minutes rapidly sterilizing
The drum is netting wire type
With over-temperature,over-pressure auto-protect device
The chamber of the sterilizer is made of stainless steel
Chamber volume:20L (Φ270*310)mm
Working pressure:0.11Mpa
Working temperature: 121℃
Adjustment of temperature:105~121℃
Heat average:≤±1℃
Power:1.5KW/AC220V.50Hz
Sterilizing net:Φ235*588mm
dimension:360*350*525mm
Exterior package dimension:
420*420*630mm
G.W/N.W:29/27Kg



MO37

TABLE PRESSURE STEAM STERILIZER
The sterilizer is equipped with immersed electro thermal tube, Pressure –temperature. User can select sterilizing time at the range of temperature: 115℃,121℃,126℃,134℃,according to the requirement. This unit can heat automatically after setting time, and time during sterilizing procedure. As soon as timing is over, the device can cut-off heating power supply automatically and give a sound buzzing at the same time.
MAIN TECHNICAL PARAMETER
1.The Max. working pressure: MAX.0.215MPa
2.The working temperature: MAX.135℃
3.Sterilization temperature selection:
115℃,121℃,126℃,134℃
4.Timing range of timer: 0~99min
5.Chamber capacity:
20L(φ250mm×410mm) or
25L(φ250mm×520mm)
6.Tray of size:
290mm×190mm×63.5mm ,(2pcs)
7.Power: 1.5KVA/AC220V,50Hz



MO38a

LCD pulsating vacuum automated Sterilizer
Modern, beautiful appearance, high quality main equipments
European B standard,PC control and touch screen are adopted;
LCD display, self- check;
Imported vacuum pump is equipped. Pulse vacuum. Vacuum measurement reaches –0.9Bar. The air in the clean ance of dressing, sterilizing bag and dentist hand device can be pumped out with 4 times pre-vacuum;
Pulse behind vacuum drying system, the residue humidity of instrument after drying will not exceed 0.2%;
3-fixed, 1-customizable program, temperature time and vacuum times are adjustable;
AID virus and hepatitis virus can be killed
The threaded bar lock ensure safety.
Specification L:20/ 24.8
Voltage :220/50 V/Hz
Power W:1800
Intersize mm :Φ250×380/ Φ250×505
Outersize mm :520×504×370/ 520×504×370
Weight Kg :45/50



MO38b

Three pre-vacuum automated Sterilizer
Modern, beautiful appearance, high quality main equipments
European B standard, PC control and touch screen are adopted; self-check
LCD display, self- check;
Imported vacuum pump is equipped, 3- times pre-vacuum. Vacuum measurement reaches –0.85Bar. The air in the clean ance of dressing, sterilizing bag and dentist hand device can be pumped out with 4 times pre-vacuum; ² Pulse behind vacuum drying system, the residue humidity of instrument after drying will not exceed 0.2%;
3-fixed, 1-customizable program, temperature time and vacuum times are adjustable;
AID virus and hepatitis virus can be killed
The threaded bar lock ensure safety.
Specification L:19/24.8
Voltage V/Hz: 220/50
Power W:1800
Intersize mm: Φ250×380/ Φ250×505
Outersize mm: 520×504×370/ 520×504×370
Weight Kg:45/50



MO38c

Third-LCD automated vacuum sterilizer
European B standard, PC control and touch screen are adopted;
LCD display, self- check;
Imported vacuum pump is equipped, 3-times pre-vacuum. Vacuum measurement reaches -0.8Bar. The air in the clean ance of dressing, sterilizing bag and dentist hand device can be pumped out with 4 times pre-vacuum;
Pulse behind vacuum drying system, residue humidity of instrument after drying will not exceed 0.2%;
3-fixed, 1-customizable program, temperature time and vacuum times are adjustable;
Double lock ensure the safe
AID virus and hepatitis virus can be killed
Specification L:16/18
Voltage V/Hz: 220/50
Power W:1800
Intersize mm: Φ240×365/ Φ240×400
Outersize mm: 466×469×385/ 466×478×385
Weight Kg:45/48

HORIZONTAL CYLINDRICALPRESSURE STEAM STERILIZER SERIES



MO39

Sterilizing course automatic sterilization controlled,easy to operate
With drying function,suitable dressing drying
With over-temperature,over-pressure auto-protect device
The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa.It can't be start on if the door doesn't close well.
The safety valve will be open automatically when the inner pressure over 0.24MPa, and the steam be exhausting to the water tank
The power will be cut-off automatically, cut-off the water and alam when the machine lacking water
The chamber of the sterilizer is made of stainless steel

Technical Data	150YDA	200YDA	280YDA	400YDA	500YDA
Sterilizing chamber volume	150LΦ440*1000	200LΦ515*1000	280LΦ600*1000	400LΦ700*1000	500LΦ700*1300
Working pressure			0.22Mpa		
Working temperature			134℃		
Heat average			≤±2℃		
Time for sterilization			1-60min		
Adjustment of temperature			40℃~134℃		
Time for drying			0-60min		
Poewr	9kw/380v 50Hz	9kw/380v 50Hz	12kw-380v 50Hz	18kw-380v 50Hz	kw-380v 50Hz
Dimension	1400*600*1300	1400*670*1650	1400*770*1780	1460*880*1830	1800*900*1820
Transport dimension	1550*750*1850	156*820*1850	1860*920*2100	1600*1050*2100	1850*1050*2100
G.W/N.W	320/240Kg	350/260Kg	530/420Kg	530/420Kg	580/470Kg



MO40

Sterilizing course automatic sterilization controlled,easy to operate
With drying function,suitable dressing drying
With over-temperature,over-pressure auto-protect device
The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa.It can't be start on if the door doesn't close well.
The safety valve will be open automatically when the inner pressure over 0.24MPa, and the steam be exhausting to the water tank
The power will be cut-off automatically, cut-off the water and alam when the machine lacking water
Fully stainless steel structure

Technical Data	150YDC	200YDC	280YDC	400YSC
Sterilizing chamber volume	150LΦ440*1000	200LΦ515*1000	280LΦ600*1000	400LΦ700*1000
Working pressure		0.22Mpa		
Working temperature		134℃		
Heat average		≤±2℃		
Time for sterilization		0-60min		
Adjustment of temperature		40~134℃		
Time for drying		0-60min		
Power	9kw/380v 50Hz	9kw/380v 50Hz	12kw-380v 50Hz	18kw-380v 50Hz
Dimension	1400*600*1300	1400*670*1650	1400*770*1780	1460*880*1830
Transport dimension	1550*750*1850	156*820*1850	1860*920*2100	1600*1050*2100
G.W/N.W	320/240Kg	350/260Kg	530/420Kg	530/420Kg



MO41

Sterilizing course automatic sterilization controlled,easy to operate
With drying function,suitable dressing drying
With over-temperature,over-pressure auto-protect device
The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa.It can't be start on if the door doesn't close well.
The safety valve will be open automatically when the inner pressure over 0.24MPa, and the steam be exhausting to the water tank
The power will be cut-off automatically, cut-off the water and alam when the machine lacking water
The chamber of the sterilizer is made of stainless steel
With printer.

Technical Data	150YDB	200YDB	280YDB
Sterilizing chamber volume	150LΦ440*1000	200LΦ515*1000	280LΦ600*1000
Working pressure		0.22Mpa	
Working temperature		134℃	
Heat average		≤±2℃	
Time for sterilization		0-99min	
Adjustment of temperature		40℃~134℃	
Time for drying		0-99min	
Power	9kw/380v 50Hz	9kw/380v 50Hz	12kw-380v 50Hz
Dimension	1400*600*1300	1400*670*1650	1400*770*1780
Transport dimension	1550*750*1850	156*820*1850	1860*920*2100
G.W/N.W	430/340Kg	436/350Kg	470/462Kg

1.The main body is constructed by double layer jacket of which the internal layer is made of high-quality stainless steel. The sterilizer is supplied with main steam or steam independently heated by boiler.
2.The control panel is installed by a variety of components, such as steam control valve, pressure gauge, thermometer, as well as safety valve, interlocked door to ensure safe operation and reliable running.
3.The sterilizer is suitable for hospital, chemical industry and scientific research institutions to used.
4.The sterilizer is applied to instruments, dressings, so on to sterilize.

Technical Data	21.600	22.600
Working pressure	0.15MPa	0.15Mpa
Working temperature	126℃	126℃
Heat equilibrium	≤2℃	≤2℃
Chamber capacity	0.25(0.6M×1M)	0.25(0.6M×1M)
O.D. (L×W×H):1.36m×0.765m×1.82m	1.36m×0.765m×1.82m	
Net weight	450kg	400kg
Steam supply	12kW/(3 phase 380V~50Hz)	Dg15mm (0.4~0.7Mpa)
Power supply	100W/380V~50Hz	50W/(single phase)220V~50Hz

The sterilizer is classified to Class I pressure container, Prohibit overheating or overpressure. Detailed specifications about the sterilizer can be referred to in the quality certifications.



MO42

ELECTRIC-HEATING TOWER-TYPE WATER DISTILLING APPARATUS


MO43


MO44

MO44 This device can be mounted on wall ,and producing the distil water in lower cost continuously,automatically and effectively

Operation: The tap water enters the bottom of the condense pipe and circle along with the pipe and enters the vaporize pan in the end,the height of the overflow be pre-set.The steam in the pipe go down and meat the water go up.thus to make the gas in it.

The steam produced in vaporize pan reached the condense pipe through guide plate. The guide plate be installed as can change direction three times before the steam enters the condense pipe. This way an protection of bring tap water in the distil water, the tap water bring in the distil water is the main cause of chemical of distil water worse.If the working is normal.it can get the water of fyrogen-free.The vaporize.condense,overflow and guide plate inner are made in stainless steel.And the cover outside and the cover of guide plate are made in heat-resistant borosilicate glass, all the electric elements with safety cut off switch

Technical Data	3.5~4.5L/h
Power	AC220V~240V/50Hz~60Hz
Output	3.5~4.5L/h
Consumption	1.5Kw*2
Net weight	7Kg/set
Gross weight	8Kg/set 17Kg/2set
Dimension	740*400*140mm/set 760*420*310mm/set
Capacity of pan	5.5liter
PH	5~6

MO43 The pure distilled water is one of the most useful liquids in the hospitals,healthcare centers, research institutes and analytic laboratories This still is specially designed for these places to prepare the pure distilled water will be produced through this apparatus as the quality of the raw water supping into the still meets with the specifications of the drinking water of the city

Technical Data	5L/h	10L/h	20L/h
Output	5 liters/hour		
	10liters/hour		
	20 liters/hour		
Power	AC220V/4.5KW		
	AC380V/7.5KW		
	AC380V*13.5WK		
Package(mm)			
	540*270*490		
	610*310*570		
	740*400*680		
Geight	9Kg	11Kg	17Kg


MO45

MO45 STAINLESS-STEEL ELECTRIC-HEATING TOWER-TYPE DOUBLE WATER ISTILLING APPARATUS

Performance and characteristic:

All of products are made from stainless steel.

Use high temperature steam to heat, save the energy.

Use the steam condensation water.

Seamless stainless-steel pipes. Heat efficiency is better.

Condenser is made of seamless stainless-steel pipes and so with very good cooling effects & great capacity of water produce.

Percolation, pushing ammonia, dividing water and steam when distilling ,in order to control the quality.

Model	water discharge	pressure of steam supply	pressure of cooling water	steam consumption ratio of water consumption
TZ50	≥50L/H	0.4MPA	0.2MPA	≈1:1 ≤1:14
TZ100	≥100L/H			
TZ200	≥200L/H			
TZ400	≥400L/H			
TZ600	≥600L/H			

DZ5C/DZ10C/DZ20C


MO46

MO46 STAINLESS-STEEL ELECRIC –HEATING DOUBLE WATER DISTILLING APPARATUS Performance and characteristic:

All of products are made from stainless steel.

Have two container and firm reasonable

Condenser is made of seamless stainless-steel pipes and so with very good cooling effects & great capacity of water produce.

When lack water ,with auto stop heating reach the normal level ,then continue heating.

Compose of first distilling, second distilling water and heating two control system.

Immerge electric heating tube made from copper ,heat efficiency is better

Model	Electric supply	powder	water discharge
DZ5C	380V/50HZ	10KW	≥5L/H
DZ10C	380V/50HZ	17KW	≥10L/H
DZ20C	380V/50HZ	32KW	≥20L/H


MO47

MO47 STAINLESS-STEEL ELECRIC –HEATING DOUBLE WATER DISTILLING APPARATUS (CUTS OFF THE WATER SUPPLY SUTO MATIC CONTROL)

Performance and characteristic:

All of products are made from stainless steel.

Condenser is made of seamless stainless-steel pipes and so with very good cooling effects & great capacity of water produce.

The cooled water returning to the vaporizing drum can save energy and water.

Drain valve can push the water in container, prevent bilge.

When lack water , with auto stop heating reach the normal level ,then continue heating.

Immerge electric heating tube made from copper ,heat efficiency is better

Model	Electric supply	powder	water discharge
DZ5Z	220V/50HZ	4.5KW	≥5L/H
DZ10Z	380V/50HZ	7.5KW	≥10L/H
DZ20Z	380V/50HZ	15KW	≥20L/H



MO48

MO48 (COMMON MODEL)
STAINLESS-STEEL ELECRIC –HEATING DOUBLE WATER DISTILLING APPARATUS
Performance and characteristic:
All of products are made from stainless steel.
Condenser is made of seamless stainless-steel pipes and so with very good cooling effects & great capacity of water produce.
The cooled water returning to the vaporizing drum can save energy and water.
Drain valve can push the water in container, prevent bilge.
Immerge electric heating tube made from copper ,heat efficiency is better

Model	Electric supply	powder	water discharge
DZ5	220V/50HZ	4.5KW	≥5L/H
DZ10	380V/50HZ	7.5KW	≥10L/H
DZ20	380V/50HZ	15KW	≥20L/H

ULTRAVIOLET LAMP TROLLEY



MO49

MO49 The Product is suitable for use in the medical ,scientific research,pharmaceutical and food making sectors as well as families factories,mines institutions,etc.for air sterilization

Technical Data	C-1	B-1	C-II	B-II
Supply voltage	AC220V		50Hz	
power	70VA		130VA	
Lamp amount	2*30w		4*30w	
Timing range	0~120min			
Ultraviolet wave	253.7mm			
Radiant intensity	≥ 90μw/CM²			
Lamp arm adjust angle	90° ,120° ,150°			
Transport dimension	1160*410*370		1160*410*370	
G.W/N.W	18Kg	18Kg	24Kg	24Kg

MO50 ULTRAVIOLET RAYS STERILIZATION TRUCK
This product is mainly used in the medical and hygienic units as well as the industrial section of food and medicines for the air sterilization.



MO50



MO51

MO51 ULTRAVIOLET RAYS STERILIZATION TRUCK
This product employs direct lighting UV rays for disinfection.It is flexible and conveient to move in that is has retractable inclined pull type of handle.
This procuct is compact and small is volume,but quite functioal and effective.
This product uses H type high UV disinfection light tube which can be stretched out of bodywork while working to leave target sarget space and object surface under direct exposure for disinfection.
This product has developed a system of pull rod wheel oblique sliding movement,hence makes it easy to move upstairs and downstaris or to far distance.

MO52 ULTRAVIOLET RAYS STERILIZATION TRUCK
METHOD OF USAGE
This rpoduct can be used alone with double light tubes,and the angle of the lamparm can also be adjusted.please close the safyty door when it is not in use in order to avoid the damage of the light tube and also maintenance of the cleaning of the tubes.
The timer can control the sterilizing time within 60 mins. And the corcute will be automatically closed when the time is up.Every part of the truck should be tested beforehand in order to check whether it has problem of leakage of elecricity.And threepins plug must have a groundwire in order to avoid the electric shock.
Please cut the electric circuit after the truck is used and then withdraw the plug form the socket.



MO52

ULTRASONIC NEBULIZER SERIES


MO53




MO54

handholding style ultrasonic nebulizer
CODE MO53A MO53B MO54A MO54B
Supply electric voltage: 110V-60Hz 220V (230v) and 50/60Hz DC12-24V
Ultrasonic frequency: 1.7MHz
Max capacity of medicine cup:10ml
Nebulization rate:1ml/min-2ml/min
Particle size rate::1 to 5μm for 75% the entire volume particle distribution
Noise: ≤50dB(A)
Power consumption: AC/30VA AC,DC/30VA AC/30VA AC,DC/30VA
Accessories: Mask 2pcs,Mouthpiece 2pcs,Medicament basin(water, medicament insulate)5pcs


MO55

MO55
Supply electric voltage: 110V-60Hz 220V (230v) and 50/60Hz
Ultrasonic frequency: 1.7MHz
Max capacity of medicine cup:30ml
Nebulization rate:2ml/min-3ml/min
Particle size rate::0.5 to 5μm for 85% the entire volume particle distribution
Noise: ≤ 50dB(A)
Function: Medical
Power consumption: 35VA
Accessories: Child's inhalation Mask 1pc, Adult's inhalation Mask 1pc
Mouthpiece 2pcs,Tube 2pcs, Tube adapter 1pc,
Medicament basin(water, medicament insulate)5pcs


MO56a


MO56b


MO57


MO58


MO59

MO56a/MO56b
Supply electric voltage: 110V-60Hz 220V (230v) and 50/60Hz
Ultrasonic frequency: 1.7MHz
Max capacity of medicine cup: MO56a 30ml, MO56b 500ml
Nebulization rate: 2ml/min-3ml/min
Time control: electronic 59 min
Particle size rate::0.5 to 5μm for 85% the entire volume particle distribution
Noise: ≤50dB(A)
Function: MO56a Medical, MO56b Medical & Humidifier
Power consumption: 35VA
Accessories: Child's inhalation Mask 1pc, Adult's inhalation Mask 1pc
Mouthpiece 2pcs, Tube 2pcs, Tube adapter 1pc,
Medicament basin (water, medicament insulate)5pcs

CODE MO57 MO58 MO59
Supply electric voltage: 110V-60Hz 220V (230v) and 50/60Hz
Ultrasonic frequency: 1.7MHz
Max capacity of medicine cup: 50ml
Nebulization rate: 3ml/min-5ml/min
Time control: machine 60min electronic 45min
Particle size rate::0.5 to 5μm for 85% the entire volume particle distribution
Noise: ≤50dB(A)
Power consumption: 55VA
Accessories: Child's inhalation Mask 1pc, Adult's inhalation Mask 1pc
Mouthpiece 2pcs, Tube 3pcs, Tube adapter 2pcs,
Medicament basin (water, medicament insulate)5pcs


MO60


MO61


MO62

CODE MO60 MO61 MO62
Supply electric voltage: 110V-60Hz 220V (230v) and 50/60Hz
Ultrasonic frequency: 1.7MHz
Max capacity of medicine cup: 80ml
Nebulization rate: 4ml/min-7ml/min
Time control: machine 60min electronic LCD 45min
Particle size rate:1to 5μm for 75% the entire volume particle distribution
Noise: ≤50dB(A) Power consumption: 60VA
Accessories: Child's inhalation Mask 1pc, Adult's inhalation Mask 1pc
Mouthpiece 2pcs, Tube 3pcs, Tube adapter 2pcs,
Medicament basin (water, medicament insulate) 5pcs, oxygen tube 1 root


MO63

MO63 Bultrasonic nebulizer
1. Active carbon was adopted to achieve purify function, dust-removing,sterilization, and bad smell removing.
2. Special airway designed to make the heat dispersing and cooling performance better.
3.Corrosion prevention water tank design make the specification more reliable and give the machine longer working life.
4. Mdeical nebulizer
5. This product is suitable for the surroundings, which need faint scent or disinfectant, or increasing humidity. It has a 350mL reservoir, more convenient for use.
6. Facial cleaning & beauty care,Applying over 1MHz ultrasonic nebulized mist to clean the face is very effective, and it is a usual skin care method, very convenient and comfortable.
7. Jewelry cleaning ,Immerse the jewelry in the detergent and then turn on the machine. The grease and dirt can be removed from the jewelry after 10 minutes.
Voltage: AC220V±22V
Ultrasonic frequency: 1.7MHz±0.17MHz
Continuous working time: ≥4h
Consumption power: ≤50W
Max medication capacity for small cup: 150mL
Max medication capacity for big cup: 350mL
Max nebulizing rate: ≥ 3mL/min



MO64

ultrasonic nebulizer
new generation of upgraded product. Durable. Stretchable Double tubes can produce a dense and tiny-particle mist. (Major components such as circuit board etc are connected as socket connectors, more convenient for repair and replacement)
Principal technical data:
Power Voltage: AC220V ± 10%
Ultrasonic frequency: 1.7MHz ± 10%
Power: ≤60W
Maximum nebulizing rate: ≥3ml/min
Timing range: 0-60 min no level for adjustment
Continuous loading time: ≥ 4h
Max medication cup capacity: 150mL



MO65

ultrasonic nebulizer
various uses, more suitable for home use.
a. This product is suitable for the surroundings, which need faint scent or disinfectant, or increasing humidity. It has a 350mL reservoir, more convenient for use.
b. Facial cleaning & beauty care
Applying over 1MHz ultrasonic nebulized mist to clean the face is very effective, and it is a usual skin care method, very convenient and comfortable.
c. Jewelry cleaning
Immerse the jewelry in the detergent and then turn on the machine. The grease and dirt can be removed from the jewelry after 10 minutes.
Principal technical data:
Voltage: AC220V±10%
Ultrasonic frequency: 1.7MHz ± 10%
Continuous working time: ≥4h
Consumption power: ≤50W
Max medication capacity for small cup: 150mL
Max medication capacity for big cup: 350mL
Max nebulizing rate: ≥ 3mL/min



MO66a MO66b

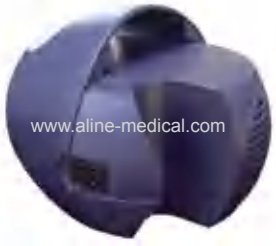
Atomizer adopts all-transistor circuitry,passes through eletron coupling oscillating circuit it,produces ultrasonic.The ultrasonic makes water soluble medincine become ting partices by aquecles medium.It reaches user's mouth by mouth piece and mask.
various uses,more suitable for home use
1.This product is suitable for the surroundings,which need faint scent or disinfectant,or increasing humidity.
2.Facial cleaning & beauty care:Applying over 1MHz ultrasonic nebulized mist to clean the face is very effective,and it is a usual skin care method,very convenient and comfortable.
3.Jewelry cleaning:Immerse the jewelry in the detergent and then turn on the machine.
The grease and dirt can be removed from the jewelry after 10 minutes.
Voltage:AC220V,50Hz Power:45VA
Ultrasonic frequency:1.7MHz±10%
Max nebulizing rate:≥3ml/min
Timing range:0-60min no adjustable range
Continuous load time:≥4h
Madication cup capacity:≥150ml

COMPRESSOR NEBULIZER SERIES



MO67

Electrical ratings:110V/220V/230V; 50Hz/60Hz;0.5A
Electrical safety:Class:II Type:B
Max. pressure:1.5bar
Max. air flow:8 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:1.5kg
Dimensions:240x160x110(mm)



MO68

Electrical ratings:110V/220V/230V; 50Hz/60Hz;0.5A
Electrical safety:Class:II Type:B
Max. pressure:1.5bar
Max. air flow:8 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:1.5kg
Dimensions:290x220x160(mm)



MO69

Electrical ratings:110V/220V/230V; 50Hz/60Hz;0.5A
Electrical safety:Class:II Type:B
Max. pressure:1.5bar
Max. air flow:8 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:1.8kg
Dimensions:320x190x110(mm)
Nebulizer kit-type and apply the scope



MO70

Electrical ratings:110V/220V/230V; 50Hz/60Hz;0.5A
Electrical safety:Class:II Type:B
Max. pressure:1.5bar
Max. air flow:8 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:1.8kg
Dimensions:220x135x270(mm)
Nebulizer kit-type and apply the scope



MO71

Electrical ratings:110V/220V/230V;50Hz/60Hz;1.5A
Electrical safety:Class:II Type:B
Max. pressure:2.0bar
Max. air flow:10 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:1.5kg
Dimensions:240x160x110(mm)
Nebulizer kit-type and apply the scope



MO72

Electrical ratings:110V/220V/230V;50Hz/60Hz;1.5A
Electrical safety:Class:II Type:B
Max. pressure:2.2bar
Max. air flow:12 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:3.2kg
Dimensions:350x190x140(mm)
Nebulizer kit-type and apply the scope



MO73a



MO73b

Electrical ratings:110V/220V/230V;50Hz/60Hz;1.5A
Electrical safety:Class:II Type:B
Max. pressure:2.0bar
Max. air flow:10 l/min
Sound level:Around 55 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:3.0kg
Dimensions:320x190x110(mm)
Nebulizer kit-type and apply the scope



MO74

Electrical ratings:110V/220V/230V;
50Hz/60Hz;1.5A
Electrical safety:Class:II Type:B
Max. pressure:2.2bar
Max. air flow:12 l/min
Sound level:Around 50 db(A)
Nebulizer rate:Identification of series 330 nebulizer kit
Weight:3.2kg
Dimensions:320x240x120(mm)
Nebulizer kit-type and apply the scope



MO75

Medicated bth,Fumigation an Sauna System
Electrical ratings:110V/220V/230V;
50Hz/60Hz;1.5A
Electrical safety:Class:II Type:B
Sound level:Around 50 db(A)
Power consumpton:650VA
Time control:Machine 60min
Max capacity of medicine cup:800ml
Weight:11.50kg



MO76

Air-compressing nebulizer
This equipment sprayed liquid medication to fog panel by compressing air, and form tiny particles, which flow into the throat through imbibing tube.
It adopts oil-free high-efficiency valve with no need for daily lubrication and it is low noise, tiny particles. It is an ideal product for family and medical units' use, and suitable for all kinds of patients.
Power supply: AC220±22V,50±1Hz
Max negative pressure compressing pump: ≥0.15MPa
Free air flux compressing pump: ≥10L/min
Max nebulizing rate: ≥0.10mL/min,Noise: ≤65dB(A)



MO77

Air-compressing nebulizer
It is a new generation nebulizer. It reduces liquid medication to tiny particles by compressing air. The tiny particles can be inbreathe by the patients.
Power supply: AC220±22V,50±1Hz
Max negative pressure compressing pump: ≥0.15MPa
Free air flux compressing pump: ≥10L/min
Max nebulizing rate: ≥0.10mL/min
Noise: ≤65dB(A)



MO78

Air-compressing nebulizer
It is a new generation nebulizer. It reduces liquid medication to tiny particles by compressing air. The tiny particles can be inbreathe by the patients.
Power supply: AC220±22V,50±1Hz
Max negative pressure compressing pump: ≥0.15MPa
Free air flux compressing pump: ≥10L/min
Max nebulizing rate: ≥0.10mL/min
Noise: ≤65dB(A)



MO79

Main Boby	Holder for Nebulizer
Nebulizing compartment	Instruction Manual
Dosser	Warranty Card
Child Mask	Giftbox
Adult mask	Fuse
Inhalation Mouthpiece	Infant Mask (Optional)
Inhalation Tube	Adult&Child Nasal-pieces(OPtional)
Air Filter	

Rated voltage	AC 230V 50HZ	Electrical safety	Class II TYPE B
Free flow range	16L/min---23.5L/min	Nebulizing pressure	100Kpa---190Kpa
Nebulizing flow range	4L/min---7L/min	Max.pressure	>205Kpa(30psi)
Power	60W	Max.capacity of medication tank	10ml
Particle size	≤5μm	Nebulizing rate	≥0.2ml/min
Noise level	≤65db	Operating temperature	10℃-40℃
Size	190mmx213mmx123mm		



MO80a



MO80b



MO80c

This equipment sprayed liquid medication to fog panel by compressing air,and form tiny particles,which flow into the throat through imbibing tube.It adopts oil-free-high-efficiency valve with no need for daily lubrication and it is with low noise,tiny particles.It is an ideal product for family and medical units'use.
Maximum compressor pressure:≥0.15MPa
Compressor free air flow: ≥10L/min
Max nebulization rate: ≥0.20mL/min
Sound level:≤65dB(A)

ENT DIAGNOSTIC SET

1. The lenses of the ophthalmoscope are made of pitch-polished high quality optical glass. The prism is ingenuously arranged to obviate cornealreflection .
2.Through an even illumination, a clear image of fundus may be obtained, thus giving a very valuable and to diagnosis. The ophthalmoscopeis made of metal, it is characterizeby it's elegant appearance and sturdy construction. The lens--power dial contains 11 plus and 12 minus lenses which lenses which provide a range ±1-±20` -25 diopters, namely:
Plus:1 2 3 4 5 6 8 10 12 16 20 Minus:1 2 3 4 5 6 8 10 12 16 20 25
3.The Ear Specula are supplied in 3 different sizes 2,3,4 diameter at tip. In diameter, both the Ear may be interchange fitted to the otoscope carrier which is epuipped with an illuminating device with condensing lens and a 2 times magnifying glass.
4.As the optical axis from the illuminating device nearly coincides with that from the magnifying glass it is suitable for use in deep region examination.
5.The laryngal mirrors are of 3 different sizes of 15,18and 21 mm, diameter to meet various diagnostic requirements The mirrors may be fitted ti the laryngeal mirror stem for oral and laryngeal examination.
The battery handle possesses good conductivity and durability. A rheostat is provided for adjusting the light intensity. it may also be used on alternating current if equiped with a low voltage transformer.



This set compromises the following items:
Ophthalmoscope.....1
Otoscope Carrier.....1
Ear Specula(3,4,5,6 mm diam).....4
Nasal Speculum(8mm diam).....1
Dilating Nasal Speculum.....1
Laryngeal Mirror Stem.....1
Laryngeal Mirrors.....3
Tongue Depressor Plastic.....1
Battery Handle.....1
Spare Bulbs (2 large and 4 small).....6



This set compromises the following items:
Ophthalmoscope.....1
Otoscope Carrier.....1
Ear Specula(3,4,5,6 mm diam).....4
Nasal Speculum(8mm diam).....1
Dilating Nasal Speculum.....1
Laryngeal Mirror Stem.....1
Laryngeal Mirrors.....3
Tongue Depressor.....1
Battery Handle plastic.....1
Spare Bulbs (2 large and 4 small).....6



This set compromises the following items:
Ophthalmoscope.....1
Otoscope Carrier.....1
Ear Specula(3,4,5,6 mm diam).....4
Nasal Speculum(8mm diam).....1
Dilating Nasal Speculum.....1
Laryngeal Mirror Stem.....1
Laryngeal Mirrors.....3
Tongue Depressor.....1
Battery Handle plastic.....1
Spare Bulbs (2 large and 4 small).....6
Transformer.....1



This set compromise the following items:
Ophthalmoscope.....1
Otoscope carrier.....1
Ear specula(2mm,3mm,4mm).....3
Dilating nasal speculum.....1
Laryngeal mirror stem.....1
Laryngeal mirror.....3
tongue depressor plastic.....1
battery handle.....1
spare bulbs(2.5V/0.3A).....4



This set compromise the following items:
Ophthalmoscope.....1
Otoscope carrier.....1
Ear specula(2.5mm,3mm,4mm,5mm diam).....4
Dilating nasal speculum.....1
Laryngeal mirror stem.....1
Laryngeal mirror.....2
tongue depressor plastic.....1
battery handle.....1
spare bulbs(2.5V/0.3A).....5



This set compromise the following items:
Ophthalmoscope.....1
Otoscope carrier.....1
Ear specula(2.5mm,3mm,4mm,5mm diam).4
Dilating nasal speculum.....1
Laryngeal mirror stem.....1
Laryngeal mirror.....2
tongue depressor plastic.....1
battery handle.....1
spare bulbs(2.5V/0.3A).....5
Transformer(220v/50hz).....1



This set compromise the following items:
Ophthalmoscope.....1
Otoscope carrier.....1
Ear specula(2.5mm,3mm,4mm,5mm diam).....4
Dilating nasal speculum.....1
Laryngeal mirror stem.....1
Laryngeal mirror.....2
tongue depressor plastic.....1
battery handle.....1
spare bulbs(2.5V/0.3A).....5
Transformer.....1



Diagnostic kit
otoscope with swivel magnifying lens.....1
sizes ear speculum.....3
ophthalmoscope with lens wheel.....1
nasal speculum.....1
bent arm illuminator.....1
battery handle "C" batteries (not included).....1
sizes laryngeal mirrors.....2
tongue depressor holder.....1
spare halogen lamp.....1

OPOSCOPE OPHTHALMOSCOPE



MO89

This scope is used for diagnosis and general surgery.
Ophthalmoscope specs:
Illumination form: big spot, small spot, red free, central net, slit, half spot
Diopter compensation: 0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±15 ±16 ±20 ±25 ±40 (D)
magnifier: 2 times
Ear specula(2.5mm,3mm,4mm,5mm diam)
Power supply: 1.5V×2 ,AC220V(B type)
Bulb: 2.5V/0.45A,3.5V/0.7A



MO90

Charge type
Ear specula(2.5mm,3mm,4mm,5mm diam)
spare bulbs(3.5V/0.7A)
magnifier: 2 times
Illumination form: big spot, small spot, red free, half spot
Diopter compensation: 0 ±1 ±2 ±3 ±4 ±6 ±8 ±10 ±15 ±20 ±25 ±40 (D)
Size of the aural: 2.5mm,3mm,4mm,5mm diam
Illumination bulb:3.5V/0.7A
Power:220V 50Hz



MO91

Ophthalmoscope and Otoscope
Outstanding optics
Features a pin contact fitting otoscope head, three sizes reusable specula and swivel magnifying lens.
Features a lens wheel and correcting lens diopter ranging from -20 to +20
Includes a spare 2.5V halogen lamp
Requires two “C” batteries(not included)
Hard plastic case packing for safe storage

DIRECT OPHTHALMOSCOPE



MO92

Illumination form: big spot, small spot
Diopter Compensatino:0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20-25-30(D)
Power supply :1.5V*2 “C”type
Illumination Bulb:2.5v/0.3A



MO93

Illumination form: big spot, small spot
Diopter Compensatino:0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20-25-30 (D)
Power supply :1.5V*2 “C”type
Illumination Bulb:2.5v/0.3A




MO94

Illumination form: big spot, small spot
Diopter Compensatino:0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25-30 (D)
Power supply :1.5V*2 “C”type
Illumination Bulb:2.5v/0.3A



MO95

Illumination form: big spot, small spot red free, central net, slit, half spot
Diopter Compensatino:0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20±25+40 (D)
Power supply :1.5V*2 “C”type
Illumination Bulb:2.5v/0.45A
Power supply:AC220v



MO96

Illumination form: big spot, small spot red free, central net, slit, half spot
Diopter Compensatino0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20±25+40 (D)
Illumination Bulb:3.5v/0.45A
Power supply:AC220v



MO97

Illumination form: big spot, small spot red free, central net, slit, half spot
Diopter Compensatino0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20±25+40 (D)
Illumination Bulb:3.5v/0.45A
Power supply:AC220v



MO98

MO98 Illumination form: big spot, small spot red free, central net, slit, half spot
Diopter Compensatino:0 ±1 ±2±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20(D)
Power supply :1.5V*2 “AA”type
Illumination Bulb;2.5v/0.45A

MO99 Ophthalmoscope
Features a lens wheel and correcting lens diopter ranging from -20 to +20
Handle is operated by two C batteries(not included)
Includes a spare 2.5V halogen lamp
Hard plastic case packing for extra protection



MO99

OTOSCOPE



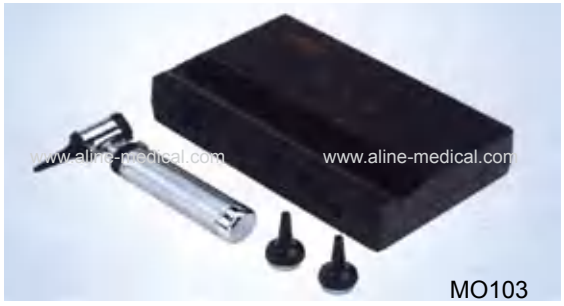
Size of the aural:3,4,5,6,8 mm diam
Power supply:1.5V*2 “C”type
illumination bulb : 2.5V/0.3A



Size of the aural:3,4,5,6,8 mm diam
Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A



Size of the aural:3,4,5,6,8 mm diam
Power supply:AC220V or1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A



Size of the aural:2,3,4mm diam
Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A
magnifier: 2 times



Size of the aural:2,3,4 mm diam
Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A
magnifier: 2 times



Size of the aural:2.5 ,3,4,5 mm
Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.45A
magnifier: 2 times



MO106 Size of the aural:2.5 ,3,4,5 mm
Power supply:AC220V
Illumination bulb : 3.5V/0.7A
magnifier: 2 times

MO107 Size of the aural:2.5 ,3,4,5 mm
Power supply:AC220V
Illumination bulb : 3.5V/0.7A
magnifier: 2 times





MO108 Size of the aural:2.5,3,4,5 mm diam
Power supply:1.5V*2 “AA”type
Illumination bulb : 2.5V/0.3A
magnifier: 2 times

MO109 Otoscope
Outstanding optics
Features a pin contact fitting otoscope head, three sizes reusable specula and swivel magnifying lens.
Includes a spare 2.5V halogen lamp
Requires two “C” batteries(not included)
Hard plastic case packing for safe storage



EYE-EXAMINATON INSTRUMENT



MO110

Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A
Battery handle : plastic



MO111

Power supply:1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A
Battery handle : metal



MO112

Power supply:AC220V or 1.5V*2 “C”type
Illumination bulb : 2.5V/0.3A

MOUTH MIRROR



MO113

Major size 21,23,27(diameter, mm)
Model flat, concave

LARYNGEAL MIRROR



MO114

Major size 10,12,14,16,18,10,11(diameter, mm)

SKIN MAGNIFIER



MO115

It is used for magnifying(at most 10 times)in diagnosing skin.
Power supply :1.5V*2(AA)
Bulb:2.5V/0.3A

FIBER LARYNGEAL MIRROR



MO116

The light transform system based on fiber ensure the intensity of the light
The head part can be sterilized at the temperature of 134 centigrade
Power supply :1.5V*2”C” type
Bulb:2.5V/0.35A
Blades:92,114,134mm



MO117 Power supply :1.5V*2”C” type
Bulb:2.5V/0.35A
Blades:75,100,125mm



MO118

Power supply :1.5V*2”C” type
Bulb:2.5V/0.35A
Blades:150mm

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