Minitype automatic washer-disinfector— QPQ

For health Be credible



Q P Q series automatic washer-disinfector is an important part of Shinva brand strategy. It is mainly used in department of stomatology, CSSD, operating room, biology and toxicity testing laboratory and chemical laboratory. The drying function is alternative for Smart175.

Shinva has 20 years experience in the field of washer-disinfector design and research. We have persisted in manufacturing high-end and competitive products that are impeccable in quality, hygiene, safety and economy.

There are various alternative washing racks for different articles, such as surgical operating instrument, dental handpiece, test tube and breaker. Articles will be washed and disinfected by hot water (80~93°C). For those disinfected articles that to be sterilized, the A0 value will be no less than 600, while for those that do not need sterilization, the A0 value will be no less than 3000.

Washing technology

- Sanitary new-water system changes new water for each washing phase
- Water flow direction: 3D dynamic continuous spray rinse (acting on article inner and outer surface, i.e. the surface and cavity of dental handpiece)
- Optimized design in the quantity and position of spray arm and water outlet to achieve best washing effect
- The connection between washing rack and water outlet to make maximum use of cleaning fluid

PROGRAM Ø1
Surgical Devices

RIN EDIT

PROGRAM 02
Low temperature
Sterilization
EDIT

PROGRAM 03
Custom Settings
EDIT

QPQ series automatic washer-disinfector adopts microcomputer control, text display screen and auto-control washing process. Three default programs to be selected for different kinds of articles.



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- Water supply pressure: 0.2-0.5MPa
- Water double filter
- Text display, push-button operation, user-friendly control
- Drying function: alternative only for QPQ 175
- Cleaning fluid auto injection system
- Safety device: running status display, automatic fault diagnosis



Important functions

- Decrease possible infection which caused by manual wash so that reduce labor intensity.
- Solve the working quality management problems that caused in manual wash and reduce the possibility of medical negligence and occupational disease to minimum.
- The omnibearing continuous water flow with high pressure and temperature to guarantee the washing effect is much better than manual or ultrasonic wash.
- Solve the problems that manual and ultrasonic wash cannot handle (such as the wash of dental handpiece cavity with no residue) to make the follow-up sterilization easier.
- Decrease the spoilage rate of precious instrument caused by manual wash so that reduce cost; effectively cut off the infection route to guarantee personal health.

	Overall dimension (W × D × H)mm	Chamber dimension (W × D × H)mm	Valuma	Circulation pump flow rate	Chamber material	Power	Power	Noise level	Capacity	Net weight	Operation weight
Q P Q 175 (vertical with drying function)	600 × 660 × 1439	530 × 520 × 630	175L	350l/min	304 mirror board	6.0KW	220V/50Hz	≤55dB	28 handpieces + instrument	65kg	90kg
Q P Q 175 (bench-top without drying function)	600 × 660 × 850	530 × 520 × 630	175L	350l/min	304 mirror board	6.0KW	220V/50Hz	≤55dB	28 handpieces + instrument	50kg	75kg
Q P Q 50	440 × 515 × 540	378 × 378 × 350	50L	160l/min	304 mirror board	3.5KW	220V/50Hz	≤55dB	18 handpieces + instrument	26kg	45kg

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Washer-disinfector Rapid-M-320



Product introduction

Rapid-M-320 is an economic manual door washer-disinfector that researched and developed according to requirements of smaller hospitals or institution. Its function and washing effective is equal with Rapid-A-520. It is also can be used for disinfection of surgical instruments, wares, medical trays and plates, anesthesia instruments and corrugated hoses in hospital CSSD or operating room.

Product features

Door structure

Rapid-M-320 adopts double pull-down door structure. After opening the door, it can be regarded as a working platform for loading the washing rack and items. The double doors are interlocked and have self-lock function.

Strong glass window

Three layers tempered glass window with excellent sealing ensures the security, insulation and easily observing during washing process.

Operation System

LCD display screen can shows all the temperature, pressure, time, process stage and parameters. Easily operation by touch button on the panel.

SIEMENS PLC ensures the machine intelligent running and control. Built-in printer can automatically record the temperature, pressure, time, graph and A0 value.

A variety of programs

11 preset programs and 15 user-defined programs which can be edited according to user equirements

Outstanding loading capacity

12 DIN trays per cycle in four layers.

Technical parameter for Rapid-M-320

Dimension	Chamber dimen (L×W×H		Overall dimension (L×W×H)mm		Washing rack dimension (L×W×H)mm		Net weight (Kg)	Running weight (Kg)		
Biiiioiioii	601×592×9	996/320	760×71	0×1930	590×558	×630	300Kg	All capacity 320L aturated steam Final 1000 Power (Electric heated) 10.5kWh	0Kg	
Parameter	Disinfection temperature	Wash temperature	Disinfec	tion time	Cycle ti	me	Drying temperature	350 ture Standard of All capacity 320L Saturated steam Pa Flo 1000 Power (Electric heated)	Irying time	
	80℃~93℃	45℃	0~99	mins	Electric heate Steam heate		70∼110℃		15	
Max. loading	Standard	DIN tray		Middle dressing bowl(16cm) Middle kidney basin All ca		All capacity				
capacity	10 (480×25	0×50mm)	36 Pi	eces	48 Pied	ces		All capacity 320L aturated steam F 100 Power (Electric heated)		
	RO w	ater		power heated)	Driving p		Sa	320L		
Energy supply	Pressure MPa	Flow	Voltage /Frequency	Input power	Voltage / Frequency	Power	Pressure MPa	Flo	OW	
	0.2~0.5	1000Kg/h	380/50HZ	22.5KW	380/50Hz	9KW	0.3~0.5	1000	Kg/h	
Energy consumption	Saturated steam Kg/cycle		RO water Kg/cycle		Washing detergent		Anti-rust lubricating agent		Power (Steam heated)	
(Standard program)	10		100		25000ml ×concentration ratio		25000ml ×concentration ratio	10.5KWh	4.5Kwh	

Tunnel washer-disinfector DC series



Product introduction

Tunnel washer-disinfector is internationally-advanced product which is researched aim at middle and large-scale hospitals. It has advantages of reliable quality, high work load and high efficiency and can be widely used for hospital reusable articles such as operating instrument, minimally invasive instrument, corrugated and anesthesia hose, glass ware, dental handpiece, baby product and general medical instrument. It is also applicable for hospital CSSD.

Modular design, compact structure, reliable performance, convenient installation

It adopts modular design and provides multiple combinations to meet customer requirements.

The wide of the washer-disinfector is only 1200mm which provides convenient installation and furthest reduces the expenses and time of installation.

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Technical parameter for Rapid-M-320

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Energy supply	Pressure MPa	Flow	Voltage /Frequency	Input power	Voltage / Frequency	Power	Pressure MPa	Flo	OW	
	0.2~0.5	1000Kg/h	380/50HZ	22.5KW	380/50Hz	9KW	0.3~0.5	All capacity 320L Saturated steam Flo 1000 Power)Kg/h	
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