



Technical Parameters

Order No.	Rapid-A-520	Rapid-M-320
Chamber size (W×H×D):	696×1115×800mm	592×996×601mm
Overall dimensions (W×H×D):	1270×1870×1000mm	710×1930×760mm
Cleaning rack size (W×H×D):	652×630×764mm	558×630×590mm
Washing capacity:	DIN standard tray(Large)×18	DIN standard tray(Large)×10

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Rapid
Automatic
Washer-disinfector

SHINVA
—Since 1943

Rapid Automatic Washer-disinfector



New Design

High quality! High efficiency! High configuration!

Rapid High Efficiency Auto Washer-disinfector by developed by SHINVA Medical, its washing chamber adopts a new dead-end design, the control system adopts higher-end hardware and software configuration to ensure that the new equipment has a better performance, more efficient processing capacity, to improve customer efficiency, reduce running costs, and get a higher standard of washing and disinfection effect.



Minimize waiting time to increase efficiency

Shorter cycle times

Compared to the last generation of Washer-disinfector, the "Rapid High Efficiency Auto Washer-disinfector" offers superior washing, disinfection and drying results. And, it has a shorter cycle running time!

"Rapid High Efficiency Auto Washer-disinfector" can process **18** DIN baskets at a time, reducing the running time to **28** minutes!

28min<35min

Compared to the last generation of Auto Washer-disinfector

Per unit washing volume: 20% reduction in processing time

Per unit time: 20% more processing capacity

Per unit washing volume: 30% energy savings

Rapid Automatic Washer-disinfector



Touch screen operation panel

Removable washing spray arm

Movable maintenance panel, easy to operate

Fully automatic glass door for easy viewing

Energy efficient washing and drying piping system

Storage cabinet

Rapid-A-520

Rapid-M-320



Excellent washing and disinfection effect

No dead space for washing

New washing chamber design, robot automatic welding, to achieve excellent welding effect

All-round washing

Increase 25% spraying arm coverage area; adopt detachable spraying plug, easy to clean the spraying arm;

Fan-shaped nozzle structure at the end, fully spraying corner instruments; spraying holes providing surging power by fully considering fluid mechanics;

Energy saving

Rapid-A-520 Washer-disinfector adopts high-flow water circulation and spraying system, which saves about 30% of water and other energy than traditional equipment in unit washing volume, and saves 1/3 of cost per cycle.



Variable frequency washing

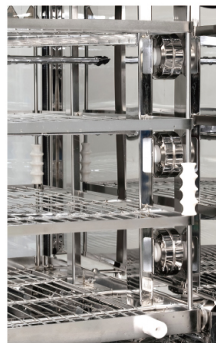
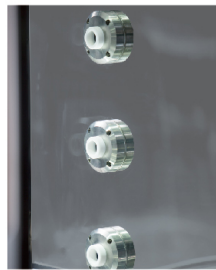
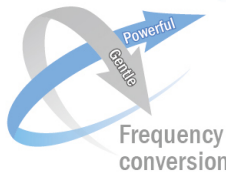
- Gentle washing for precision instruments and strong washing for heavy contaminated instruments;
- Gentle spraying in the washing stage to reduce foam generation, and powerful washing in the rinsing stage to remove dirt easily;
- Soft-start reduces the rigid impact damage to equipment and instruments.

Structure optimization

The whole equipment is upgraded and optimized into modular structure, which is less fault and easy to maintain.

High-end configuration

- Hardware: All imported core accessories, humanized operation panel
- Software: U disk recorder, optional barcode identification system, more options for the Cycle



Rapid Automatic Washer-disinfector



Automatic handling system

Large hospital sterilization supply centers are often equipped with multiple washing machines, how to make the operation of multiple washing machines as easy as operating one washing machine? How to make efficient use of the multiple cleaning machines and make them work in coordination with each other? How to reduce the work intensity of operators without increasing the quantity of personnel? Washer-disinfector Automatic Handling System provides a good solution for this.

Intelligent management

The whole Automatic Handling System features intelligent selection management. All cleaning racks are picked up in one place. When one washing machine is about to finish its cycle, the system immediately assigns it a new washing task. No manual waiting between two cycles, fully exploiting the performance of the equipment.

Modular operation, good system flexibility

Any equipment needs to be repaired and maintained, but there is no reason to stop all the equipment for the maintenance of one machine. The Automatic Handling System solves it very well, no matter which equipment needs maintenance, it does not affect the operation of other equipment and Automatic Handling System, the modular operation of each equipment improve the efficiency of the user.

Easy operation

Once the washing cart is placed in the storage unit, the operator can carry out other work without guarding the equipment. Because the entire washing is fully automatic without manual intervention.

Safe

The whole system has multiple safety alarms, and when any obstacle is encountered during the movement, the system will automatically stop and wait for handling to ensure the safety of personnel and equipment.

Easy to clean

The entire surface of the System is covered with brushed German Krupp stainless steel plates, which is very easy to clean. At the same time, the floor is free of other power and guidance devices, so it is easy to clean.

The Automatic Handling System offers professional solutions with excellent washing capacity per unit of time, full equipment utilization, intelligent operation management, reliable safety, reduced labor intensity, and cost savings.

Rapid Automatic Washer-disinfector



Matching washing and maintenance products

Moisturizer Series

- Surgical instrument foam moisturizer

Long-lasting moisturizer, safe and non-corrosive, low foam and easy to rinse, used for post-operative instrument moisturizing treatment.

Detergent series

- Pre-treatment detergent

Used to remove protein, fat and other dirt from various materials of instruments and medical supplies.

- Neutral multi-enzyme detergent

Neutral and low foaming, suitable for instruments of various materials. Removes all organic contaminants.

- Alkaline multi-enzyme detergent

Low alkaline, effective for grease and oil, also can remove other organic pollutants, suitable for stainless steel instruments and glassware.

- Powerful multi-enzyme detergent

Highly concentrated ratio, strong decontamination, neutral and low foam. Suitable for all kinds of materials, to remove all organic pollutants.

- Alkaline detergent

Highly cost-effective, effective in removing greasy dirt, especially for stainless steel instruments, can effectively restore the luster of stainless steel.

- Super concentrated multi-enzyme detergent

For the removal of organic contaminants such as proteins and fats from surgical instruments and medical supplies.

- Biofilm detergent

Mainly used for the cleaning of flexible and rigid endoscopes and surgical instruments to effectively inhibit and remove biofilm;

Hand washing, ultrasonic washer and automatic washer are available.

Lubricant and anti-rust agent series

- Multi-effect lubricant and anti-rust agent

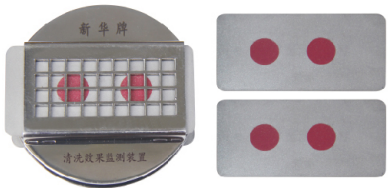
Used for manual and mechanical lubrication, maintenance and rust prevention of metal instruments and articles.

- New generation lubricant and anti-rust agent

Used for manual and mechanical lubrication, maintenance and rust prevention of metal instruments and articles.

Cleaning effect monitoring system

- Artificial simulated dirt meets the relevant requirements of ISO15883, simulating the type of dirt on surgical instruments.
- The carrier is made of stainless steel, which fully simulates the cleaned instruments and appliances;
- Three-dimensional design of the resistance device, can monitor the water rinsing force and the decomposition force of the detergent in different positions, while simulating the washing condition of the obscured parts such as the joints and crevices of the instruments.
- Dedicated matching record book, to achieve effective traceability of each time.





Accessories to meet different needs

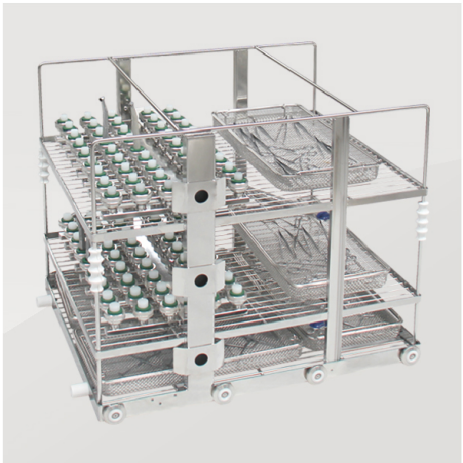
SHINVA can provide a wide range of loading equipment and accessories for you to choose from in order to ensure the performance of the "Rapid High Efficiency Auto Washer-disinfector". No matter what instruments you handle, we have a comprehensive system solutions for you.



Two/three/four-layer Five/six-layer instrument cleaning rack

Mainly used for the cleaning of surgical instruments in standard instrument trays.

Note: It is not recommended to use the instrument cleaning rack for cleaning dishes and bowls.



Dental handpiece cleaning rack

For cleaning dental handpieces, suctions and other related instruments with a filtration accuracy of up to 50µm.



Dish cleaning rack

For cleaning bowls, dishes and other items.



Precision instrument cleaning rack

For cleaning rigid endoscope and related accessories.



Respiratory anesthesia tube cleaning rack

For cleaning respiratory anesthesia tube or masks.



Humidifier bottle cleaning rack

Mainly used for cleaning humidifier bottles, but also for cleaning instruments and utensils of test tubes, beakers, measuring cylinders .



Other accessories

We also provide professional transport tools for cleaning rack transfer, and can provide automatic docking with the equipment; we can also provide cleaning rack storage table, cleaning rack return track and other ancillary equipment to make our products conform humane and ergonomic design requirements.