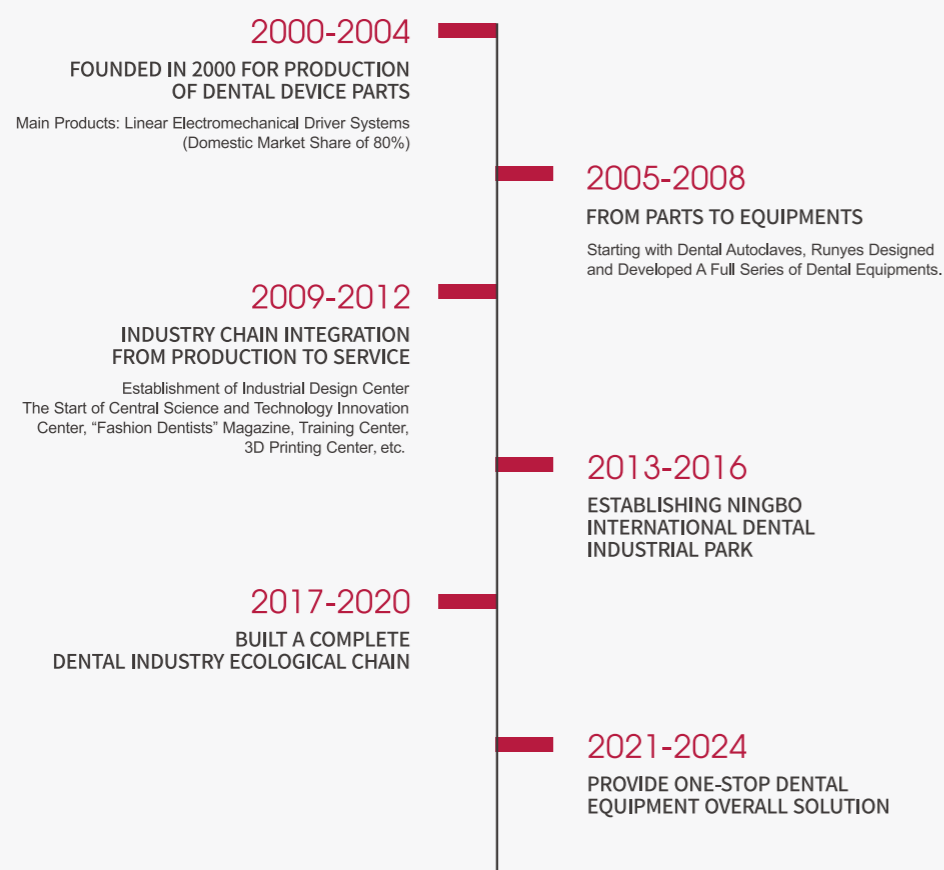


YOUR ONE-STOP SOLUTION

OUR STORY



Runyes Medical Instrument Co.,Ltd.

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Revision: 202104



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Instagram

Perfect your Clinic!



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➔ Sterilizer (SEA Autoclave Sterilizer)

Since year 2000, Runyes has supplied 170,000 units of sterilizers to hospitals and clinics in over 99 countries.
Your choice,our promise!



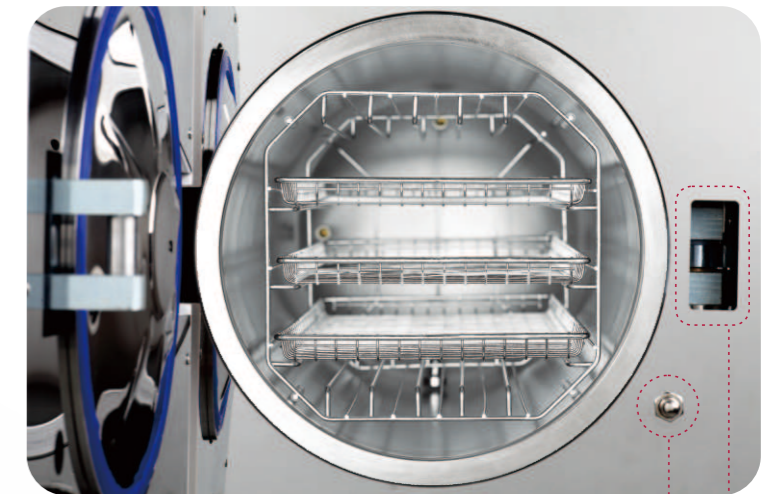
➔ Touch Screen

- 1) Touchable screen makes it easy for operation.
- 2) User- friendly operation interface with elegant design.



➔ Dual heating system, Multi temperature control Making the process more efficient than ever before

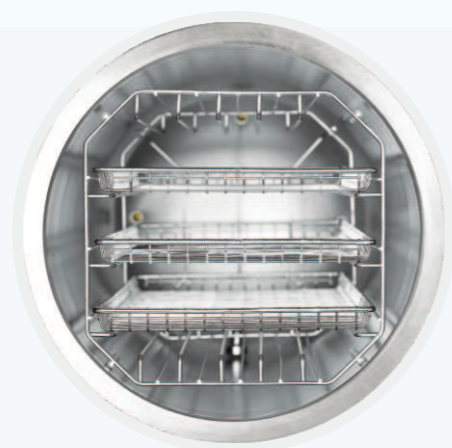
One piece 304 stainless steel chamber,
powerful double lock door system



Double Lock System - Mechanical Lock with Air Lock System

Double lock system makes the
autoclave safer, and prevents
potential safety hazards caused
by incorrect operation during the
sterilizing cycle





New Arrival! SEA45L 45L Autoclave of 230V

This is a big-capacity autoclave which only need 230V(civil electricity).



Circuit Breaker

Cuts off the external power supply during device malfunction to prevent fire.



Safety Valve

Restores idle chamber pressure when the chamber is over-pressured.

Air Filter

Filters airborne impurities into the chamber to prevent contamination.



Two Condensers

Faster cooling; prolongs life time.

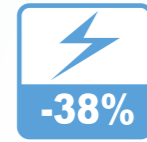
⇒ SEA23L/18L Sterilizer



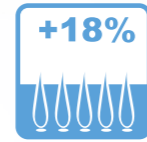
Short Sterilization Time



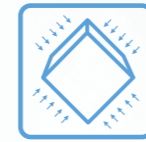
Constant Temperature Unit



Save Electricity 38%



Increased By 18%



Three-dimensional Sterilization



⇒ Two types Of Record (Dual Recording)

1) USB

Master controller stores 2,000 fresh cycles; the data can be downloaded via USB. You can check and print all the records with a computer.

2) Micro-Printer(Optional) Prints cycle data when the cycle ends.



⇒ Big Capacity Open Tank

1) Open tank, easy-to-clean.

2) Built-in water quality sensor monitors water quality, reduces machine failure rate, and prolongs machine life time.



⇒ Suitable for Different Types Instruments

Surgical instruments, dental instruments, glass wares, injection units and other objects of compression resistance and hot steam resistance.



⇒ Technical Specifications



SEA-18L / 23L-D Touch Screen

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 18L/23L
Chamber Size: Ø249X355mm/Ø249X450mm
Product Size: 620X465X420mm
Net Weight: 47Kg/50Kg



SEA-16L-N-LED

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 16L
Chamber Size: Ø230X370mm
Product Size: 435X532X390mm
Net Weight: 26Kg



SEA-29L / 45L-D Touch Screen

Rating Voltage: 230V/50Hz
Power: 3300W
Capacity: 29L/45L
Chamber Size: Ø319X420mm/Ø319X620mm
Product Size: 650X535X505mm/850X535X505mm
Net Weight: 80Kg/92Kg



SEA-18L / 23L-B-LCD

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 18L/23L
Chamber Size: Ø249X355mm/Ø249X450mm
Product Size: 580X460X450mm
Net Weight: 47Kg/50Kg

⇒ Technical Specifications



SEA-18L / 23L-B-LED (Printer)

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 18L / 23L
Chamber Size: \varnothing 249X355mm / \varnothing 249X450mm
Product Size: 580X460X450mm
Net Weight: 47Kg / 50Kg



SEA-12L-B-LED

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 12L
Chamber Size: \varnothing 200X360mm
Product Size: 560x440x370mm
Net Weight: 42Kg



SEA-18L / 23L-B-LED

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 18L / 23L
Chamber Size: \varnothing 249X355mm / \varnothing 249X450mm
Product Size: 580X460X450mm
Net Weight: 47Kg / 50Kg



SEA-18L / 23L-N-LED

Rating Voltage: 230V/50Hz
Power: 1800W
Capacity: 18L/23L
Chamber Size: \varnothing 249X450mm
Product Size: 580x460x450mm
Net Weight: 30Kg/33kg

➔ Accessory Devices — Technical Specifications



Water Distiller—Drink

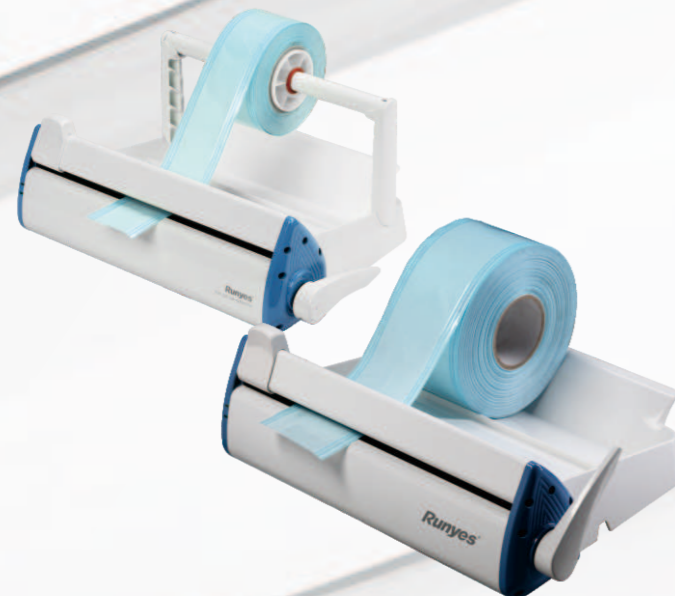
Power Supply: 110V/230V, 50Hz
 Output Water: 1L/H
 Net Weight: 4.2Kg
 Chamber Dimension: 180X200mm
 Machine Dimension: 260X220X380mm



Lubrication Device—LUB90(B)

Power Supply: 110V/230V, 50Hz
 Air Consumption: 60L/Min
 Power Air Sources: 0.3-0.6Mpa
 Connectors For Handpiece: high speed *2
 Low speed *1
 Net Weight: 7.2Kg
 Product Dimension: 280X300X370mm

(With Paper Rolling Shelf)



Sealing Machine—SEAL120

Power: 100W
 Power Supply: 230V,50~60Hz
 Net Weight: 7kg(4.8kg)
 Sealing Temperature: 200°C ± 10°C
 Width Of Indentation: 12mm
 Package Size: 500X400X250mm
 Max Width Of Seal: 300mm

Ultrasonic Cleaner—CLEAN01

Basin Size: 250X174X78mm
 Product Size: 455X275X210mm
 Basin Capacity: 3L
 Maximum Length Allowed: 266mm
 Digital Timer: 6 phases timer
 Temperature Setting: 3 groups temperature option
 Ultrasonic Frequency: 35000Hz
 Voltage And Power: 170W (AC 230~240V 50Hz)
 Product Net Weight: 5.1Kg



Ultrasonic Cleaner—CLEAN02

Basin Size: 323X205X99mm
 Product Size: 515X305X240mm
 Basin Capacity: 6L
 Maximum Length Allowed: 340mm
 Digital Timer: 6 phases timer
 Temperature Setting: 3 groups temperature option
 Ultrasonic Frequency: 35000Hz
 Voltage And Power: 300W (AC 230~240V 50Hz)
 Product Net Weight: 7.5Kg



Ultrasonic Cleaner—CLEAN03

Basin Size: 331X238X105mm
 Product Size: 541X337X277mm
 Basin Capacity: 7.5L
 Maximum Length Allowed: 370mm
 Digital Timer: 6 phases timer
 Temperature Setting: 3 groups temperature option
 Ultrasonic Frequency: 35000Hz
 Voltage And Power: 410W (AC 230~240V 50Hz)
 Product Net Weight: 9.8Kg

Q5

Medical Washer

Auto-intelligent Disinfection
Thoroughly Cleaning

Compliant with WS 506-2016 recommended handpiece disinfection method.



Powerful Cleaning



93°C High-Temperature
Disinfection



360°C All-round
Spray



Residual Temperature
Dry System



- 4.3 inch digital display
- Multi-parameter display can be realized during operation.



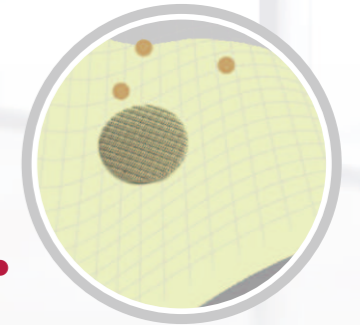
- Circulating hot-air drying (Patented Design)
- After cleaning, it will automatically start drying with high-temperature air at 80 °C.



- Imported Large-Flow Circulating Water Pump
- Even distribution of water pressure, with 360° high pressure spray in multiple directions
- High Efficiency



- The whole chamber is made of food-grade 304 stainless steel plate.
- Resistant to high temperature and corrosion.



- Total three-layer filtration system from coarse filtration to fine filtration. The smallest filtration diameter is 50 microns, and the filtration efficiency is more than 99.97%, greatly avoiding the mechanical damage of impurity particles to the handpiece.



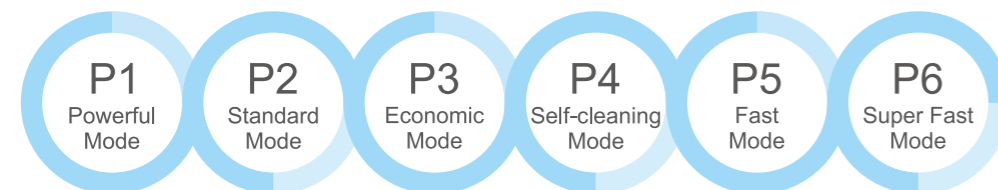
- The unique universal handpieces socket design is available for most major branded handpieces with different interface diameters for simultaneous cleaning, like high-speed handpieces (turbo handpiece), low-speed handpieces (straight or curved), and implant handpieces, avoiding the replacement of sockets during the cleaning process.

➡ Large Capacity | Thoroughly Cleaning

Large Capacity & Thoroughly Cleaning Q5 medical washer is mainly used for cleaning, disinfecting of medical equipment. It adopts a universal dental handpiece socket and can clean 18 or 32 handpieces at the same time. Controlled by a microcomputer and under the action of a high-pressure circulating water pump, it relies on the spray arm to spray dynamically in multiple directions. Coupled with the temperature of the water stream (the highest water temperature is 93°C, the duration is 180 seconds, and the A0 value is greater than 3000), pressure, flushing time, number of times, etc., the dental instruments are flushed with a large water jet. At the same time, during the cleaning process, it will automatically add a low-foaming multi-enzyme cleaning detergent to quickly decompose and separate the contaminants on the outer surface and inner cavity of dental instruments, so as to achieve the effect of cleaning and disinfection.



6 Cleaning Modes Flexible Choices As You Wish



➡ Technical Specifications



Q518



Q532

Specification / Model	Q518	Q532
Outer Size	527x595x486mm	527x595x486mm
Cleaning Ability	18 handpiece cleaning basket + 1 instrument cleaning basket	32 handpiece cleaning basket
Inner Cavity Cleaning	The whole cavity is made of food-grade 304 stainless steel plate	The whole cavity is made of food-grade 304 stainless steel plate
Display	4.3-inch monochrome digital screen, realizing multi-parameter display	4.3-inch monochrome digital screen, realizing multi-parameter display
Cleaning Program	6 modes(Powerful, Standard, Economic, Self, Fast, Super-fast)	6 modes(Powerful, Standard, Economic, Self, Fast, Super-fast)
93°C Cleaning	✓	✓
Large-flow Circulating Water Pump	✓	✓
Triple Filtration System	✓	✓
Universal Handpiece Socket (patented Design)	✓	✓
Auto-add Multi-enzyme Cleaning Agent	✓	✓
Hot-air Drying	✓	✓
Real-time Print Cleaning Record	Available, Optional	Available, Optional
Electric Power	≤2500VA	≤2500VA

*Nano-level
Atomization Disinfection
No Sanitary Blind Corners*

H₂O₂

Air & Surface Disinfector

Achieve Thorough Disinfection Of
Air And Surface



Convenient
to move



Applicable to
multiple scenarios



Atomization
disinfection



Effective
disinfection



Safe &
environment-friendly



Easy To Disinfect The Air And Surface

- Surface disinfection effect of natural bacteria ≥90%
- Air disinfection effect of natural bacteria ≥90% (when using 5.5% hydrogen peroxide solution).
Air disinfection effect of natural bacteria ≥99.9% (when using 7.82% hydrogen peroxide solution).
Air disinfection effect of Staphylococcus albicans ≥99.9%

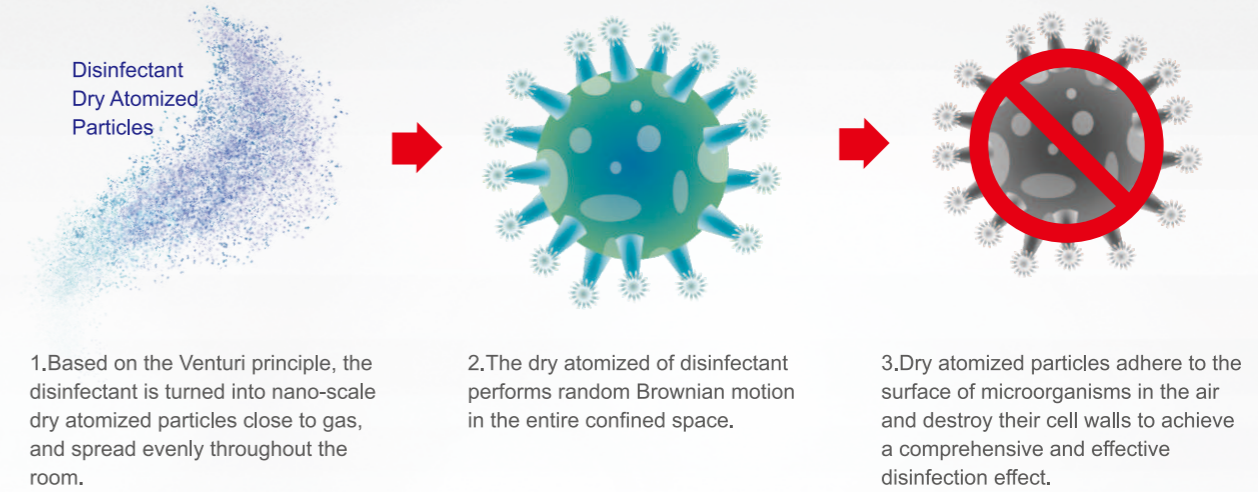


- Mobile Cart Optional
Flexible to move to different rooms

Specifications	
Health Bureau License	Zhejiang Health Consumer Certificate (2009) No. 0024
Model	Spray-01
Power Supply	AC220-240V 50Hz
Rated Power	≤1200VA
Product	Length: 400mm
	Width: 305mm
	Height: 480mm

Working Environment	Temperature: +5°C~25°C Wet: 45~75%
Weight	≤ 12.5 Kg
Cover Material	ABS, Integrated mold design
Disinfectant	5.5% H2O2, 7.8% H2O2
Disinfectant Usage	≥7ml/m³
Applicable Space	≥250m³
Storage	Room temperature
Service Life	8 years

Disinfection principle

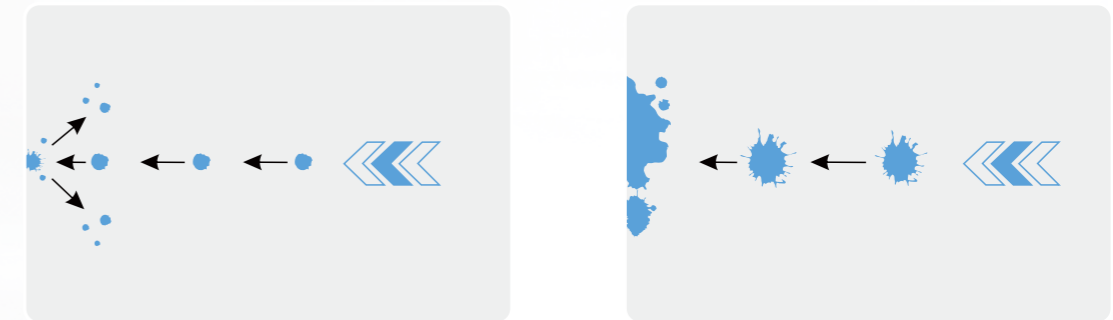


Working principle

Complete the disinfection process by spreading nano-micron liquid beads to the area that needs to be disinfected.

When the average diameter of the droplets is less than 10 microns, the sprayed nano-micron droplets can be said to be "dry", and the small droplets will bounce off the wall without breaking and attaching to make the surface wet.

All the conditions are to satisfy that the sterilant can effectively diffuse to special areas in the form of nano-micron liquid beads. The characteristics of this form determine that they can diffuse to the space area that is usually difficult to reach.



Small droplets will bounce back, so they won't break

Large droplets will break, so they will wet and adhere

Nano And Micron Liquid Beads Have The Following Properties:

- ① Nano and micron liquid beads are in random movement (Brownian motion) and will not settle.
- ② Nano-micron droplets will not aggregate together to produce large droplets.
- ③ Nano and micron liquid beads will rebound after contacting the surface without breaking and making the surface wet.

Therefore, these properties of nano-micron liquid beads make sanitary blind corners also have a good disinfection effect.

➔ 6 Advantages To Eliminate Thousands Of Bacteria

Intelligent Control System

According to the size of the space(automatically set by the system or manually set), the system calculated the amount of hydrogen peroxide and disinfection time automatically.



Double Nozzle Symmetrical Design

Double nozzles, spray disinfection solution at the same time.



Disinfectant Adopts Spray-type Design

The hydrogen peroxide liquid is dry atomized by high pressure without heating, the spraying speed is faster, the range is wider, and the disinfection efficiency is higher.



LCD display
The disinfection time can be set automatically or manually



Optional mobile cart

Good Diffusibility

Spraying out nano-scale dry atomized particles, evenly spreading to the entire room space, staying for long time, no sanitary blind corners, and no visible liquid on the surface of the object



Air Disinfection Effect Of Natural Bacteria

- Air disinfection effect of natural bacteria \geq 90%, (when using 5.49% hydrogen peroxide solution).
- Air disinfection effect of natural bacteria \geq 99.9%, (when using 7.82% hydrogen peroxide solution).
- Air disinfection effect of Staphylococcus albicans \geq 99.9%.



Short Disinfection Time

The disinfection time of 20m³ space is \leq 3 minutes. Considering 20m³ as a calculation unit, the disinfection time is increased by proportional increase on space. After the a few minutes, the residual concentration of hydrogen peroxide is less than 1ppm.

