

Technical Specifications



Q518



Q532

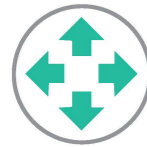
Specification / Model	Q518	Q532
Outer Size	527x595x486mm	527x595x486mm
Cleaning Ability	18 handpiece cleaning basket + 1 instrument cleaning basket	32 handpiece cleaning basket
Inner Cavity Cleaning	The whole cavity is made of food-grade 304 stainless steel plate	The whole cavity is made of food-grade 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

H2O2 AIR & SURFACE DISINFECTOR



Achieve Thorough Disinfection Of Air And Surface

Nano-level Atomization Disinfection No Sanitary Blind Corners



Convenient to move



Applicable to multiple scenarios



Atomization disinfection



Effective disinfection 99.999%



Safe & environment-friendly

Easy To Disinfect The Air And Surface

- Surface disinfection effect of natural bacteria $\geq 90\%$
- Air disinfection effect of natural bacteria $\geq 90\%$ (when using 5.5% 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 $\geq 99.9\%$

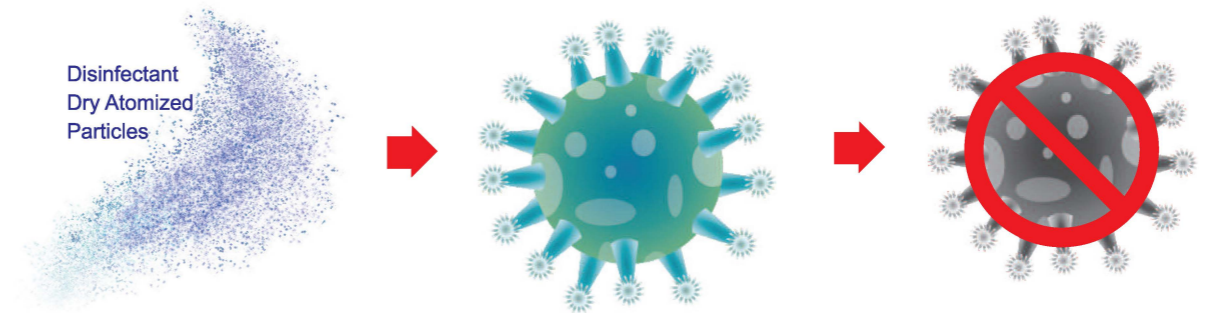


- Mobile Cart Optional
Flexible to move to different rooms

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

Working Environment	Temperature: $+5^{\circ}C \sim 25^{\circ}C$ Wet: 45~75%
Weight	$\leq 12.5 Kg$
Cover Material	ABS, Integrated mold design
Disinfectant	5.5% H ₂ O ₂ , 7.8% H ₂ O ₂
Disinfectant Usage	$\geq 7ml/m^3$
Applicable Space	$\geq 250m^3$
Storage	Room temperature
Service Life	8 years

Disinfection principle



1. Based on the Venturi principle, the disinfectant is turned into nano-scale dry atomized particles close to gas, and spread evenly throughout the room.

2. The dry atomized of disinfectant performs random Brownian motion in the entire confined space.

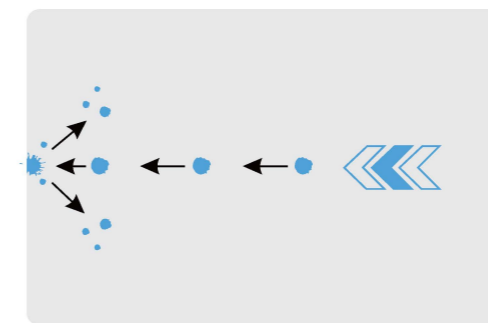
3. Dry atomized particles adhere to surface of microorganisms in the and destroy their cell walls to achieve a comprehensive and effective disinfection effect.

Working principle

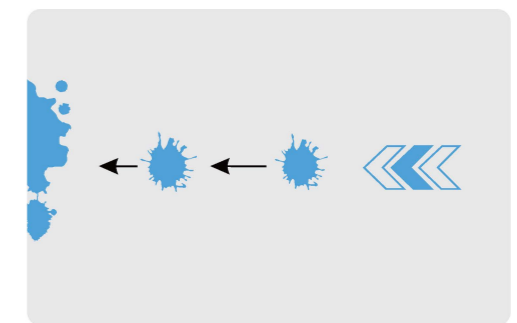
Complete the disinfection process by spreading nano-micron liquid beads to the area that needs to be disinfected.

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:

- Nano and micron liquid beads are in random movement (Brownian motion) and will not settle.
- Nano-micron droplets will not aggregate together to produce large droplets.
- 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.

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 ≤ 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.

LED CURING LIGHTS

