

Technical Specifications

Disinfectant Tunnel

PRODUCT INTRODUCTION:

Disinfection Tunnel which can optionally go with temperature scanner, Widely applied to various places for disinfection and temperature Detection purpose.

Usage feature

2.1 Automatic induction spray function

The Equipment installs the microwave movement object sensor, detects after the human enters, starts the fog machine by itself, sprays the disinfectant in door.

2.2 Infrared temperature measurement, sound and light alarm.

Non-contact temperature measurement can be realized by using high precision industrial infrared spectrum sensor and calibrated by black body radiation source. It is fast and reliable, can effectively avoid cross-infection and collect body temperature in real time. Peak extraction, contrast output, signal lights, and buzzers alert.

2.3 Food grade disinfectant

The equipment adopts food grade disinfectant, widely used in food, tap water, vegetables and fruits and other objects disinfection, the solution strictly in accordance with the International PM value ratio to provide, to ensure human health and safety

2.4 Non-angle attack spray does not irritate human facial organs

The fog outlet is non-angle design to avoid spraying directly to human's face.

2.5 Device status remind function

Equipment with work, lack of liquid, lighting and other state display, so that equipment managers can accurately grasp the status of equipment operation in real time. Fog Equipment with anti-dry burning function, can effectively prevent the improper operation of the equipment caused damage.



2.6 Automatic supply solution function

The automatic rehydration equipment is equipped with 20L super large capacity liquid storage tank, which can automatically rehydrate the atomizing tank, reduce the workload of operators, and can be used for more than one day without resupply of disinfectant



2.7 Waste liquid collecting function

The bottom of the equipment is designed with waste liquid collecting tank and movable waste liquid collecting tank, which can completely collect the residual waste liquid after the equipment is disinfected, and centralize the hazardous waste treatment to prevent environmental pollution

2.8 Rapid setup function

Equipment using 220V AC, power consumption less than 1000W, installation and deployment is simple and quick, just insert row and add disinfection liquid, without professional installation and debugging, simple operation, easy to learn and use, disinfection liquid easy to add.

Sterilization principle—More stable,real Neutralization

Year 2016,World health Organization Doc.Frank chin and his team , after many years research, base on imported European production line and patented Ion Exchange Technology , by food grade raw material and special Ion Exchange technological process,a whole new concept:HClO Sterilization solution been produced.

According to international biological research, the body's immunity comes from white blood cells, When the germs and other pathogenic microorganisms invade the human body, the white blood cells will swallow these microorganisms after the release of a substance, the substance will get into the original Microorganisms core, completely destroy these microorganisms, after scientific research: the substance released by white blood cells is called HClO..



Similar to the white blood cells kill pathogenic microorganisms. HclO's molecule is small, no electric charge, can infiltrates into the bacteria (virus) body , the bacteria (virus) body protein, nucleic acid, enzymes and other organic polymer together occurs oxidation reactions, thus killing pathogenic microorganisms. A NON-CHARGED Cl produced by

HClO also significantly changes the OSMOTIC pressure of bacteria and viruses, causing their cells inactive and die.

HClO

Under light, HClO breaks down to form new ecological oxygen(o) , whose strong oxidation denatures proteins



on bacteria and viruses, thus killing pathogens.



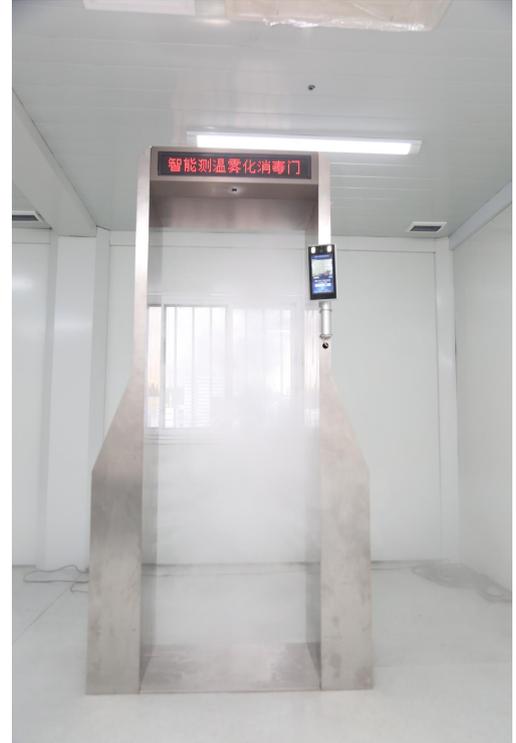
The pathogenic microorganism invades the human body, the Human Body White Blood Cell Initiative defense

White blood cells surround and engulf pathogenic microorganisms

The white blood cells release Hcio into the core of the pathogen, essentially killing pathogen microorganisms

4. Technical application

Face recognition rate	≥99.8%
Face recognition distance	0.5m
temperature measuring area Length	640mm
Human body induction way	Microwave detection
Temperature sensing mode	Infrared spectroscopy (accurate real-time in living body detection)
Spectral range	8~14um
Temperature collection distance	10~20cm
Temperature collection Accuracy	±0.2°C
Temperature display panel	8.0 inch
Temperature detection output	Unqualified that is over the temperature,



5. Sterilization principle — Compared to common disinfectants

Kinds	Antimicrobial activity	PH value	Toxi-city	Corrosi-veness	Irritab-ility	Environmental Hazard	Stability
HClO	Strong Effect Full Effect Quick Effect	6.5	NO	NO	NO	NO	Keeping out of light--- Stable
NaClO (84 Disinfectant)	Moderate Intensity	12	NO	Mild	Mild	NO	Alkaline environment--- Stable
Electrolytically acidified water (chlorine oxide)	Strong effect Full effect	2.0~ 3.0	NO	YES	YES	NO	Not stable, the well proportioned disinfectant should be used immediately
Povidone-iodine	Medium~	aqueous solution is acidic	NO	NO	Slight	YES	Stable

	strong effect						
Alcohol	Medium~ strong effect	Neutral	NO	YES	YES	NO	Volatile
Bromogeramine	Low effect	5.0~ 7.0	LO W	NO	NO	NO	Stable

6. Dimensional parameters

