



TEMPERATURE MEASUREMENT AND DISINFECTION CHANNEL

/About us

Sichuan Genial Tech is a manufacturer of public health machinery, public amusement machinery and other public playground equipment. We are with well-equipped testing facilities and strong technical force. With a wide range, good quality, reasonable prices and stylish designs, our products are extensively used in feeding, construction and other industries.

Our products are widely recognized and trusted by users and can meet continuously changing economic and social needs. We welcome new and old customers from all walks of life to contact us for future business relationships and mutual success!



/ Current Epidemic Prevention Measures



Highly
infectious

A

Large manpower
investment in
thermometry with the
risk of infection.

Unguaranteed

B

Unguaranteed
disinfection
effect and safety.

Poor effect

C

Low level of
epidemic prevention,
easy to be missed
with low efficiency.

No record

D

Data cannot be
recorded and monitored
in real time.

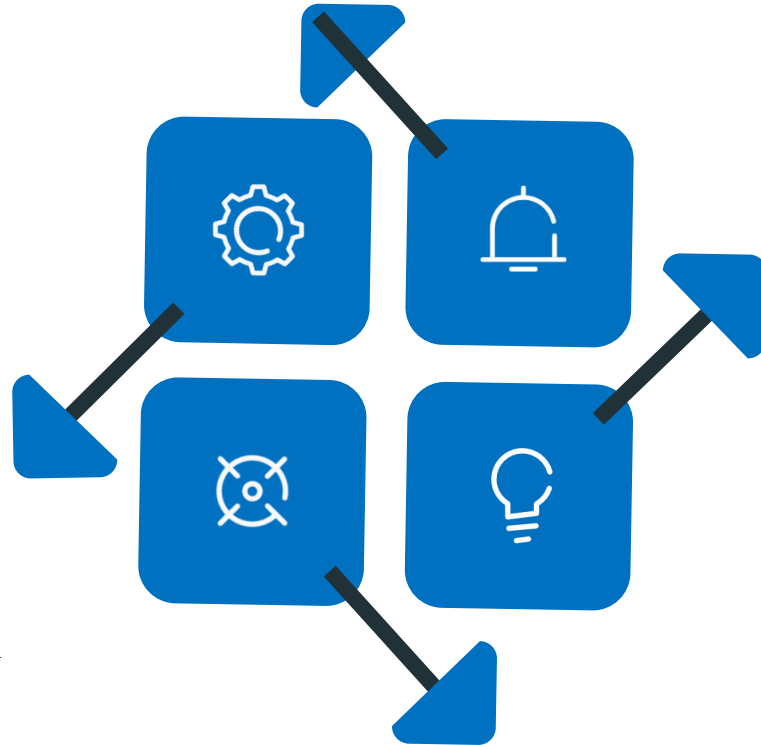
/ Product presentation



The thermometry and disinfection integrated channel is used for disinfection of body, pets, goods and other objects in public space entrance when emergency public health events occur. It can quickly measure the body temperature and disinfect. There is voice alarm for abnormal condition (when the temperature is higher than the set temperature) and it can't pass through the disinfection channel. The device has such functions as automatic refueling, real-time display of operation status, automatic response to incoming and exiting objects, etc. There are LYD waterproof lights in the passage, which can be used at night or in dark places. Equipped with casters and handles, convenient for mobile and rapid deployment.

/ Design Philosophy

▲ Convenient for adults, children, the elderly



▲ Quarantine operation that can effectively avoid cross infection.

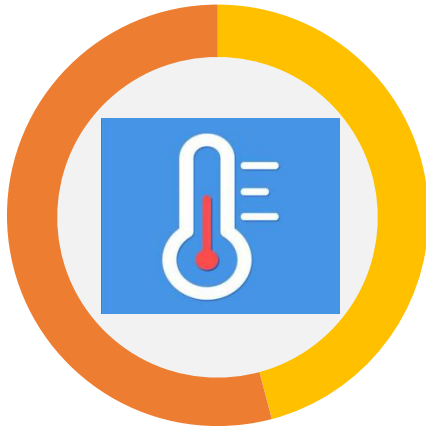
Automatic control design, greatly reducing manual operation, monitoring and the workload of security personnel.

▲ Greatly reduce the risk of personnel with high-frequency contact



/ Product function

temperature
check



Spray
disinfection



Infrared
induction



Face
recognition



Customizable

/ Safety Precautions

The purpose of the following safety precautions is to tell you how to operate the product safely and correctly. Please read them carefully and make sure you understand them before you start to read the rest of this volume.

- 1 、 This product is only suitable for indoor and outdoor use.
- 2 、 There shall be no large metal and strong magnetic field within 2m around the installation site to avoid interference.
- 3 、 The installation site shall be as far away from power line and communication cable as possible.
- 4 、 The probe shall not be installed in high temperature and humid environment.
- 5 、 Each temperature measurement channel is attached with a warranty, which is free of charge during the warranty period.
- 6 、 Do not dismantle the components on the electrical control box without permission.
- 7 、 After the temperature measurement channel is started, it must be preheated for 2 minutes to achieve the best detection effect.
- 8 、 Avoid collision with the door when people pass.

/Packing List

Box: one set

Inductive hand washing device: one set

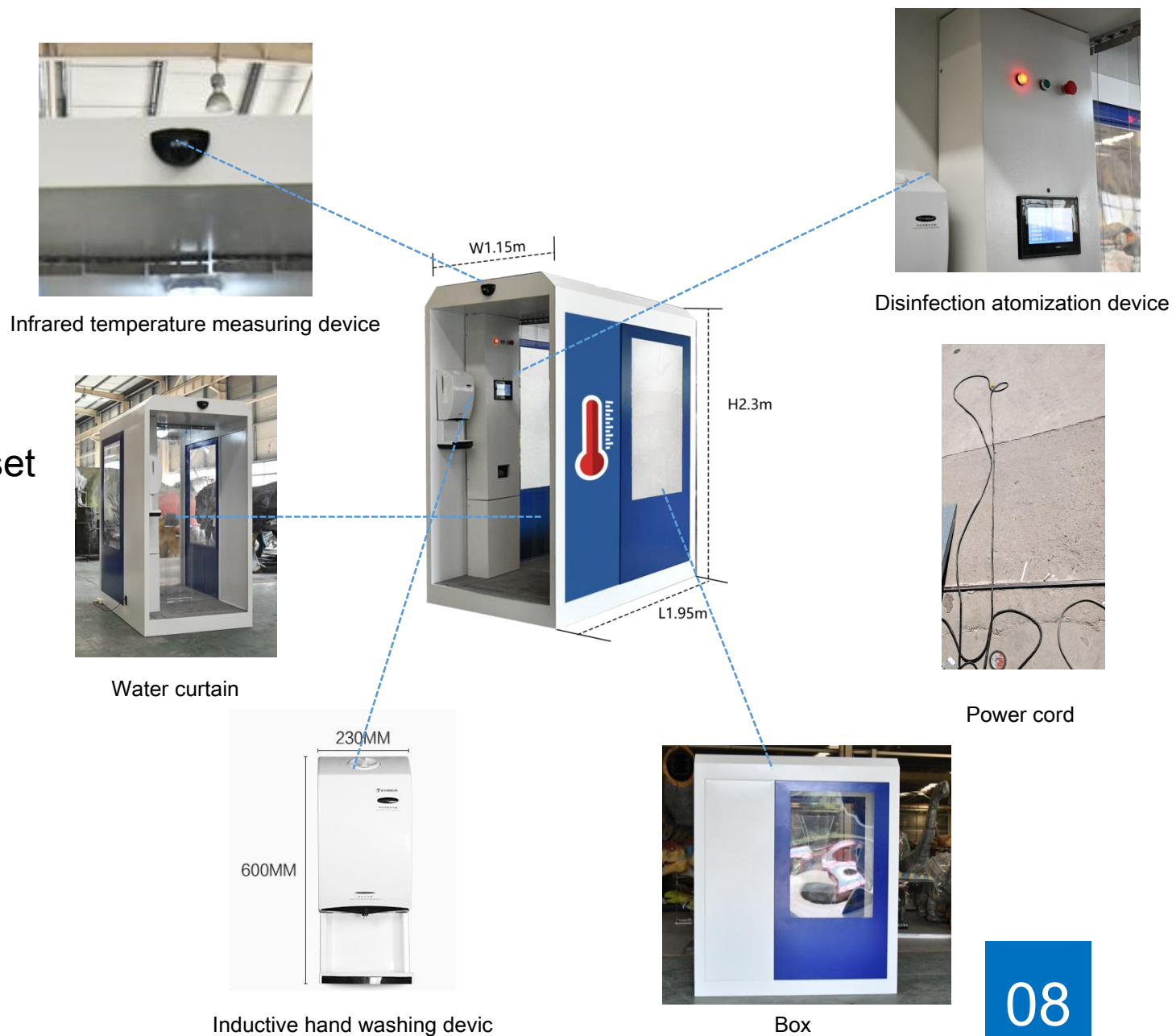
Infrared temperature measuring device: one set

Disinfection atomization device: one set

Power cord: one piece

Water curtain: one set

Customizable casters (easy to move)



/Application Places

Used in emergency public health events, body spray disinfection is carried out on objects, such as pets, goods and other objects passed through public space entrance, and body temperature is detected by non-contact detection.



Enterprise



Construction site



Supermarket



Hospital



School



Community



Factory



Shopping mall



Station



Airport



Bank



Hotel



Amusement Area



Expo

/Performance Characteristics



1. Infrared human body temperature measurement, sound and light alarm

High precision infrared spectrum sensor, calibrated by blackbody radiation source, can be used to measure body temperature remotely without contact, which can effectively avoid cross infection, normal voice prompt of body temperature, voice prompt of overheating alarm of body temperature.



2. Intelligent display

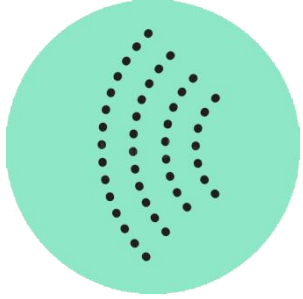
The temperature display can adjust the temperature difference of seasonal changes and display the human body temperature more accurately.



3. hand washing intelligent spray disinfection

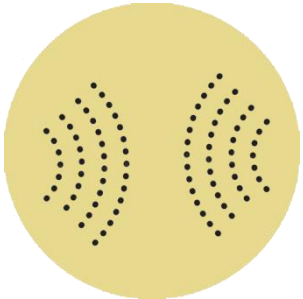
The temperature measuring area is equipped with intelligent induction sprayer. It has no contact induction spray, is safe and sanitary, and can effectively disinfectate the opponent's part.

/Performance Characteristics



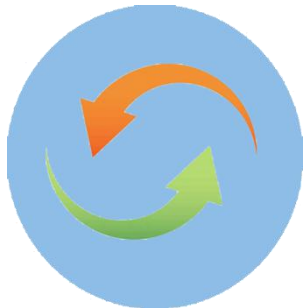
4. Automatic induction ultrasonic fog, stop when people walk

The equipment port is equipped with a microwave sensor, which can sense that someone enters, start the fog maker automatically, spray disinfectant into the channel, and stop automatically after leaving to avoid waste of liquid.



5. Equalizing spray box, thinning throttling, not damaging facial organs.

In the disinfection channel, a balanced spray method is adopted, which does not directly spray the human facial organs. The fog is more refined and does not cause waste.



6. Bottom circulating waste liquid tank, centralized collection of waste

There is a circulation tank inside the disinfection channel, which can collect and dispose the surplus disinfection liquid in a centralized way, so as to avoid the pollution to the surrounding environment

/Performance Characteristics



7. Equipment status reminder function

The equipment has status reminders such as work, lack of liquid, light and voice, so that the equipment management staff can accurately grasp the operation status of the equipment. Real time trend of various personnel.



8. Automatic fluid filling function

The equipment is equipped with a large capacity liquid storage tank with liquid alarm function to avoid damage to the atomization equipment due to lack of liquid, and the atomization tank is automatically filled with liquid and stops automatically, which can meet the daily usage.



9. External ramp pedal

Anti-skid pedal is set at the entrance and exit of the equipment, which is convenient for the elderly, children, wheelchair and passengers to and from.

/Performance Characteristics



10.Lighting auxiliary function

Fully considering the use of different scenes, LYD waterproof lamp is set in the passage, which can be used at night or in a dark place.



11.Quick layout and transfer function

There are four casters and brakes at the bottom of the equipment, which can quickly arrive at the designated place for quick installation. The equipment uses 220V household alternating current, and its function is less than 450W. The installation is simple and fast. It only needs to connect the plug row and fill in the disinfectant solution, without the installation and debugging of professional personnel. The operation is simple, easy to learn and understand.

/Technical Parameters

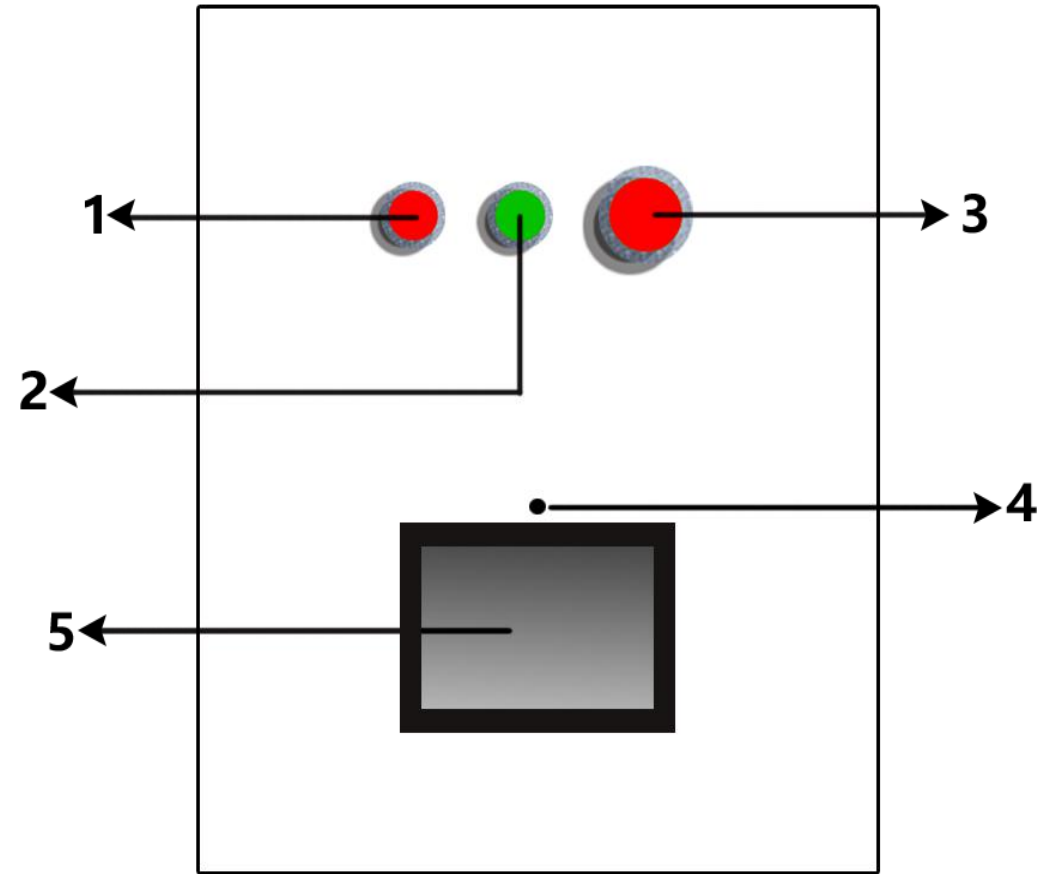
Power supply	220V / AC	Weight	About 220kg
Power	450W	Operating noise	less than 36dB
Working environment	0 °C - + 35 °C (disinfectant can't be used when it's frozen below 0 °C)	External dimension	2300mm (H) × 1150mm (W) × 1950mm (L)
Channel size	2000mm (H) × 1050mm (W) × 1950mm (L)	Type of disinfectant	food grade disinfectant
Volume of disinfectant tank	13/18 L	Temperature collection distance	5-10cm
Temperature collection time	about 3-5 seconds	Temperature collection accuracy	plus or minus 0.5 °C at room temperature
Temperature collection location	forehead, wrist inside (non-contact type)	Temperature collection range	32-45 °C

/ Installation Steps & Instructions

- ◆ 1. Connect the external power cord in place.
- ◆ 2. Adjust the infrared probe at the top of the door to the place where people pass.
- ◆ 3. Unscrew the upper cover screw of the main box and open the main box.
- ◆ 4. First add liquid into the water tank.
- ◆ 5. Then turn on the switch (leakage protector) at the upper left corner of the main box of the bar and turn on the power on indication in the control panel (indicating that it is powered on, if not, it will not be powered on)
- ◆ 6. Wait a few minutes for four to five minutes. The liquid will automatically change to spray to the spray port (the nozzle can adjust the size of the mist automatically), and it will automatically enter the working state.

/Control Panel Description

- ◆ 1. Running lights
- ◆ 2. Work switch (it is on during power on work)
- ◆ 3. Emergency stop (there is no main electric switch in the whole disinfection cabin after pressing)
- ◆ 4. Temperature measurement and detection points (15cm-20cm from the inner side of forehead and wrist to the sensing area)
- ◆ 5. Temperature acquisition information display



/Automatic Suction Device Description

Customized self priming pump

If there is no liquid in the spray tank, it will automatically fill up. If the liquid in the spray tank is filled with liquid, it will stop automatically.

