SHANGHAI SHUOBAO INTERNATIONAL TRADE CO. LTD.,

Manual of Intelligent Thermometry Disinfection Channel

CY-X01
Intelligent Auto Thermometry
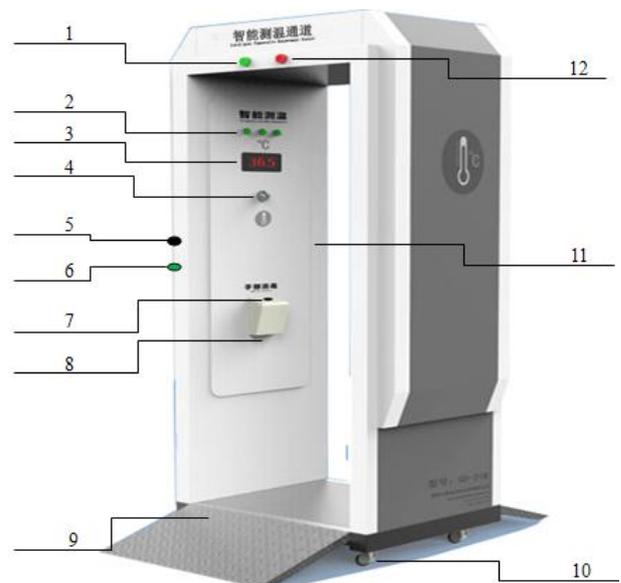Disinfection Channel

CY-02
Intelligent Thermometry
Channel

1. Foreword

1). Due to the continuous upgrade of the equipment, maybe there exist some differences between the manual drawing, function and the real product. It is subject to change without notice.

2). Please read the operation manual carefully before the installation, and handle it correctly in strict accordance with the installation and operation requirements.

3). The data collected by the equipment are only the reference data of epidemic prevention detection, not list it as medical data;

4). The equipment is applicable for indoor hall deployment, whereby the steady ambient temperature will maintain and ensure the data accuracy.

2. Components

CY-X01

CY-X02

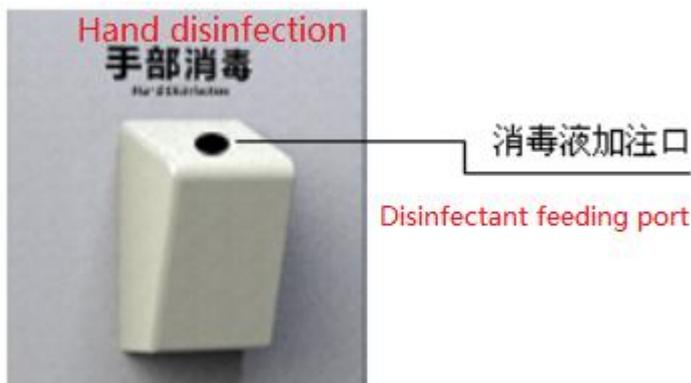| CY-X01	CY-X02
1. Safety indicator light; 2. Working indicator light; 3. Display screen; 4. Temperature sensor; 5. Power switch; 6. Reset key; 7. Feeding mouth of hand disinfectant; 8. Hand disinfection are; 9. Foot pedal; 10. Moving and fixing wheels; 11. Negative ion generator; 12. Sterilization area; 13. Temperature measurement area; 14. Safety warning light;	1. Safety indicator light; 2. Working indicator light; 3. Display screen; 4. Temperature sensor; 5. Power switch; 6. Reset key; 7. Feeding mouth of hand disinfectant; 8. Hand disinfection area; 9. Foot pedal; 10. Moving and fixing wheels; 11. Temperature measurement area; 12. Safety warning light;

1). The installation position area should be larger than the overall dimensions, ground level ≤3°, and a safe distance of 40-50mm should be kept around, which is convenient to add accessories or for other operations.

2). The power supply must strictly meet the electrical power standard. The grounding wire must be solid and reliable. The power socket is 10A/220-250v; and the extending wire is for insulation protection.

3). After installation, confirming the fixed wheel and power supply are reliable, adding or complementing the relevant auxiliary materials, power switch is in the off state, then plug in.

3-1). To add or replenish hand sanitizers. Unscrew the sterilizer cover, which is at disinfection area of device medial surface, add the sterilizer (general medical or household disinfectant) to the line position. Then tighten the cover and clean it.

3-2). To add or replenish disinfectant of sterile chamber. Open the marked rotation handle of coverplate which is on the right side of the device, remove the charging point cover of ultrasonic transmitter, add or replenish the disinfectant, then tighten the cover and clean it, install the coverplate and tighten the handle.

3. Start and operating

1). After connecting to the power, turn on the power switch, the device is entering into the automatic start mode. The intelligent measurement indicator in lighting form, display screen working normally, while the device is in automatic start standby mode and will work normally after 3-5 minutes.

2. While the device is in working mode, after the monitored personnel entering the measurement area, it will effect auto-induction to activate for detection. Automatic voice broadcast for the detection results, and alarm voice prompt will be activated (reset key to cancel the alarm) for abnormality. After the measurement, open and extend both hands to the bottom of the sterilizer, it will automatically induce and discharge liquid to the palm, then repeatedly smear it on both hands. After hand disinfection, then entering the body sterilization area for the finally covering atomization disinfection. After finishing the whole disinfection process, the monitored personnel can leave.

3). Relevant parameters of the equipment can reset. Open the display screen of the control panel, click Settings, and set various parameters according to the workspace unit, then restart the device.

4. Routine check and maintenance

1. Monthly and regularly check whether the power connection is reliable, power line damaged, exposed or not. If there is any abnormalities, turn off the main power supply firstly, then contact the electrician for the solutions.

2). 4h/24h regularly check the disinfectant level position, and conduct replenishment timely when it is short.

3). 4h/24h regularly clean the rotary wheel brush and dust storage box of feet sterilizer; adding clean times according to the detection volume in rain and snow weather.

4. There may exist humidity on the inner surface due to disinfectant atomization and testing personnel access. 4h/24h regular inspection, timely cleaning;

5). In case of abnormal and special circumstances, please call hotline (+86)4008898227, and our after-sales service staff will contact you timely. Thank you for the choice of our equipment!

5.Equipment Parameters (see the form below)

No.	Item Name	Technical Parameters	配置
1	Dimensions	Model CY-X01: 1800mm*1100mm*2300mm	√
		Model CY-X02: 600mm*1100mm*2300mm	
2	Working Voltage	AC220V,50/60HZ	√
3	Work Noise	< 30dB	√
4	Main Materials	cold rolling aluminum plate	√
5	working environment	0-35℃ (It will be out of use if it is < 0℃, in case of the disinfectant fails in atomizing after freezing). Suggest indoor use.	√
6	Spray Channel Length	900mm	√
7	Atomization way	Ultrasound atomization	√
8	High capacity anions generator	8000-100,000,000 pcs / cm3	
9	Spray control way	Photoelectric induction start & delay stop，2 mist vents (Mist sectional area 60cm*10cm)	√
10	Spray efficiency	0.8-1.2ml / time	√
11	Spray area isolation method	PVC curtain	√
12	Disinfectant tank capacity		√
13	Disinfectant type	General disinfectant for medical or domestic use.	√
14	Hands disinfection type	Infrared induction automatic liquid discharge & disinfection	√
15	Detection Channel Length	900mm	√
16	Body sensing mode	Photoelectric Detection	√
17	Temperature Sensing mode	Infrared lattice temperature measurement	√
18	Temperature collection distance	100—600mm	√
19	Temperature collection position	Forehead, etc.(No-Contact Type)	√
20	Temperature collection Accuracy	±0.3℃	√
21	Detection result output	Voice Broadcast & Screen Display	√
22	Temperature collection duration	2.0S	√
23	Temperature display	LCD screen	√
24	Temperature collection range	30-45℃	√
25	Intelligent Punching In (optional)	Face photo recognition, Punching in all-in-one.	√
26			√