



## Company Profile

Zhejiang Chuangpu Technology Co., Ltd., Located at 890 Fortune Avenue, Luqiao district (Road and Bridge Tongyu Street Innovation Park), is a national high-tech enterprise integrating science, industry and trade. It is a Taizhou academician workstation and a Taizhou 500 elite enterprise.

With spectrum technology as its core, the company mainly deals in high-tech analysis and detection instruments in agriculture, food, feed, medicine, petroleum, steel and other industries, including near infrared spectrum analyzer and its derivative spectrum instruments and rapid detection instruments, software research and development, sales and information technology services.

The company is led by Academician Chen Xingdan of the Chinese Academy of Sciences to form an expert team. It works closely with Changchun Institute of Optics and Mechanical Engineering of the Chinese Academy of Sciences, Henan University of Technology, Nanjing University of Finance and Economics, Wuhan Institute of Scientific Research and Design of the State Grain Reserve Bureau, Taizhou Vocational and Technical College, Zhejiang Agriculture and Forestry University. It insists on standing at the forefront of scientific and technological development, building its core competitiveness with strong research and development capabilities, and continuously innovating and developing new products in combination with market demand.

The company adheres to the business philosophy of "honest management, scientific and technological innovation, efficient production, and excellent quality" and the business policy of "customer-centered, management-oriented, science and technology-driven, and talent-oriented". During the production and manufacturing process of the company's products, the company

strictly implements the technical quality standards of national and international industries, improves and stabilizes the product quality, and obtains high trust and consistent praise from customers.

## **Matters needing attention**

1. Please carefully read the operating instructions of this product before using it and follow the operating procedures in the instructions.
2. Please do not use this product in an environment higher than 40°C or lower than 5°C. Please do not expose this product to the sun or close to the stove, let alone contact with water.
3. Please use a standard power supply.
4. Please do not use this product in an environment with relative humidity greater than 80%.
5. Please don't push and kick this product, and don't use it if it is damaged.
6. Food safety disinfectant must be used in the atomization area of this product to ensure personal safety. The company is not responsible for any adverse reactions caused by disinfectant.
7. In case of instrument failure, contact the company's after-sales service telephone number in time. Users should not attempt to disassemble and repair it by themselves.
8. The temperature measurement results only reflect the real-time temperature evaluation of human body or object.

## **Product overview**

### **1. Product model**

Intelligent mobile temperature measurement and disinfection channel.

### **2. Product Introduction**

This product is integrated, intelligent and movable. it is specially used in public health emergencies. it sprays and

disinfects the surface of people, pets, goods and other objects that pass in and out of fixed crowded places such as office buildings, communities, schools and other personnel. it carries out non-contact body temperature detection for personnel. it can quickly approve the identity of personnel and quickly, simply, safely, intuitively and accurately monitor and judge whether there is abnormal body temperature. in case of abnormal conditions, i.e. the temperature of personnel is higher than the set temperature, the channel will intercept personnel and give voice alarm.

This equipment can automatically sense the objects entering and leaving the channel, display the running state in real time, and the spray quantity and spray time can be adjusted. Food grade disinfection products is recommended to ensure personal safety in application. Equipped with a universal wheel with its own brake to facilitate rapid mobile deployment during emergency; Beautiful appearance, scientific design, disinfectant waste liquid can be recycled by itself.

### **3. Application field**

This product is suitable for schools, kindergartens, stadiums, hotels, office buildings, entertainment venues, factories and other crowded places during the epidemic period. it is convenient for rapid screening of patients with fever symptoms, so as to reduce infection and epidemic spread, improve prevention and control efficiency, reduce the workload of staff and reduce the infection risk of staff.

### **4. Technical parameter**

- 4.1. Temperature measuring distance: 0.3-0.4m.
- 4.2. Temperature measuring range: 0°C~45°C
- 4.3. Minimum resolution: 0.1°C
- 4.4. Temperature measurement accuracy: 0.3°C (room temperature)
- 4.5. Camera: Binocular Biopsy, 2 Million Wide Dynamic
- 4.6. Display: 13-inch HD LCD with 1920\*1080 resolution

- 4.7. Recognition type: face recognition, body temperature detection
- 4.8. External power supply: 110v-230V
- 4.9. Power consumption: 750W
- 4.10. Working environment: 0°C~45°C indoor (no sunlight interference)
- 4.11. Net weight: 300KG
- 4.12. Overall dimensions:2360(height) x1200(width) x1800(depth) mm
- 4.13. Channel size: 1880 (high) x1000 (wide) x1800 (deep) mm

## **5. Equipment composition**

### **5.1 Face Recognition Infrared Thermometer (Temperature Measurement Area)**

- a. Built-in high precision calibration non-contact infrared human body temperature monitor.
- b. Support intelligent voice prompt and abnormal alarm for temperature measurement results.
- c. Support infrared sensing, automatic identification.
- d. Unshielded identification behavior is supported.
- e. Support to export personnel identification data, including temperature data.
- f. Support a variety of face recognition modes, support the import and export of data.

### **5.2 Automatic induction hand sterilizer**

- a. Independent key protection prevents accidental opening and effectively protects the service life.
- b. Independent battery power supply to prevent accidental leakage danger.
- c. Non-contact induction spraying is safe and sanitary and can effectively sterilize.

### **5.3 Atomization disinfection room**

- a. Semi-open crystal curtains are installed on both sides of the atomizing disinfection room.

- b. The equipment is equipped with a large-capacity liquid storage atomizing sterilizer.

## **Instructions for use of equipment**

### **1. Place the device and connect the power supply**

First place the equipment and then start the universal wheel brake to ensure that the disinfection channel will not move again and then connect the power supply.

### **2. Face Recognition**

The tested personnel enter the temperature measuring area, while other personnel wait in line outside. The personnel took off their masks, faced the face recognition thermometer, and measured the temperature according to the on-screen prompts. The detected temperature and face recognition results will be displayed in real time, and the detected person will be notified by voice broadcast. If the body temperature exceeds the standard, a voice alarm will be given. Please ask the tested personnel to take a second temperature measurement and contact the medical personnel in time.

### **3. Hand disinfection**

If the measured body temperature is normal, please place both hands in the sensing area under the hand sterilizer. The sterilizer will automatically spray disinfectant on the hands. Rub your hands to ensure thorough disinfection.

### **4. Whole body disinfection**

Enter the rear atomizing disinfection room and stay for more than ten seconds, lift the curtain and leave the disinfection channel, and the whole process is finished.