Temperature Measuring & Disinfection Station

(FAST-Y-90S)

Product Brochure

Integration of temperature measurement, disinfection, security inspection and attendance

Big data dynamic tracking and management & Remote intelligent control

I. Introduction

The unit consists of temperature measurement system, non-contact inductive hands sterilizer, sole and below waist disinfection system, metal detection and security inspection system, ticket gate at entrance and exit, lighting system, electrical control system and big data platform system, which is designed for temperature measurement, sterilization, metal detection and security inspection of people in and out, and tracing and management of the collected temperature data.

Product Assembly Drawing

II. Application Range

The unit can be applied to airports, train stations, subway stations, schools, hospitals, hotels, shopping malls, cinema, office buildings, residence community, farmers market and other crowded public places to conduct temperature measurement, disinfection, metal detection and security inspection for the people in and out.

III. Product Advantage

Temperature measurement + hands disinfection + sole disinfection and disinfection

below waist + metal detection and security inspection;

The data is bound to the identity of the personnel in and out by face recognition;

The background big data system can track and manage the collected temperature measurement data;

The product has obtained EU CE certification.

IV. Major Function

Temperature measurement system: It applies an infrared thermal imaging thermometer, which can automatically give an alarm on the abnormal temperature. The data can be bound to the identity of the personnel in and out by face recognition.

Non-contact inductive hands sterilizer: It applies 75% alcohol for hands sterilization.

Sole and below waist disinfection system: Disinfection blanket soaked with disinfectant is set below the unit to disinfect the soles of the people in and out.

Disinfectant spraying systems are set on both sides of the unit, which are mainly applied to disinfect the part below the chest;

Metal detection and security inspection system: Metal detection device is applied to carry out metal detection and security inspection for people passing through, which will automatically give an alarm in case of abnormality.

Ticket gate at entrance and exit: It applies an automatic ticket gate system. If the results of temperature and metal detection security inspection are normal, the gate opens automatically. When people passed the tunnel, the gate will close automatically.

Lighting system: The LED light is applied on the roof for lighting.

Electrical control system: It consists of electrical control module, sensor and thermometer, which is used for operation and control of various functions, low level alarm of disinfectant water tank, etc.

Big data platform: It consists of data service center, data collection, analysis and background management system.

V. Technical Parameters

Items	Technical Parameters	Remarks
Dimensions (W x H x D)	FAST-Y-90S-S: 600×2100×1500mm	●
	FAST-Y-90S-M: 2600×2300×1500mm	
	FAST-Y-90S-L: 4500×2300×1500mm	
Thermometer	Infrared thermal imaging thermometer with integrated display screen	●
Voice alarm	Which will give an alarm on the abnormal temperature	●
Hands sterilizer	FAST-Y-90S-M: 1 set	●
	FAST-Y-90S-L: 2 sets	●
Control method	Manual; Automatic; Wechat applet; Remote control	○
Power (V)	AC220	●
Frequency (Hz)	50	
Device power (KW)	FAST-Y-90S-S: <0.5	●
	FAST-Y-90S-M: <1.8	
	FAST-Y-90S-L: <1.8	
PLC module	Made in China; Siemens; Customized	○
Colors	Multi-scenario; Various styles	○
Lighting	LED lamp belt/tube	○
Total weight (kg)	FAST-Y-90S-S: <150	●
	FAST-Y-90S-M: <500	
	FAST-Y-90S-L: <800	
Security inspection system	Metal detection device	○
Ticket gate	Automatic	○
Bottom wheels	Universal wheels that can be adjusted	○
Note：● Standard ○ Optional		