



High precision millimeter wave/ultrasonic probe

HD LCD touch screen
Display:video/picture/
measurement result/slogan

Thermal printer

Blood pressure

SH-800A Height Weight Blood Pressure Machine

Automatic system

Height, weight, body type, body composition, BMI, voice broadcast, thermal printer, automatic paper cutting

HD screen

HD LCD 10.1 inch display system, intelligent guidance voice/animation prompts, playback of promotional videos, pictures, etc.

Data transfer

Communication method: serial port, Bluetooth, WiFi 4G/5G cloud transmission and other data can be connected with customer software

Precise accurate

High precise millimeter wave/ultrasonic probe, 500kg weight sensor, environmental adaptive automatic compensation, stable and fast



SH-800A Parameters

Model		SH-800A
Control system	Smart system	Android 6.0 smart OS operating system
	Languages	English, Spanish, French, Arabic, Italian, Portuguese, Russian, Thai, Malaysian, etc.
Height measurement	System	using millimeter wave/ultrasonic sensors, high-frequency millimeter wave signal ranging, not affected by light, temperature, etc.
	Range	20~200cm
	Accuracy	$\pm 0.5\text{cm}$ division value: 0.5cm or 0.1cm (adjustable)
Weight measurement	System	precision balanced beam resistive strain sensor
	Range	2~500kg
	Accuracy	$\pm 0.1\text{kg}$ division value: 0.1kg or 0.01kg (adjustable)
	BMI	Adopt the latest WHO standard (can be adjusted according to needs)
Blood pressure measurement	Principle	intelligent pressurization technology, oscillometric measurement method (supports left and right arm)
	Range	pressure: 0-299mmHg(0kPa-39.9kPa), pulse: 40-180 beats/min
	Accuracy	pressure:3mmHg($\pm 0.4\text{kPa}$), pulse rate: Accuracy is 5%
Expansion	Optional: coin operated, paper money, face recognition, barcode/QR code, IC/ID card etc.	
Advertising	LCD screen	high-definition LCD 10.1-inch display touch svstem, intelligent guidance voice animation prompt,multi media playback
	Picture	PNG, JPG/JPEG and other common formats
	Video	3GP, MP4, RMVB, RM,FLV, MP4, AVI and other common formats
	Slogan	scrolling ad text
Data output	Wireless	WiFi: Bluetooth (optional); 4G (optional), cloud interface (optional), etc.
	Wired	RS232 serial port (standard); RJ45 interface (optional)
Data storage	Can store more than 1 million pieces of measurement data and supports U disk export	
System compatible	Health system	can be connected with customer software
	Local archives	Self-service membership registration, health screening, historical query,data statistical analysis and management
View results	thermal printer; the result can send to cellphone by scan QR code	
Voltage	AC100V-240V(50Hz/60Hz)	Power: $\leq 15\text{W}$
Dimensions	Machine size: 62*52*235cm/L*W*H	Net weight: 43kg Gross weight: 48kg
	Package size: 175*40*22cm (20kg);	68*49*40cm (28kg)
Use scenarios	Hospitals, community service stations, disease control centers, physica examination centers, schools, pharmacies, clinics, shopping malls/supermarkets, gyms,etc.	