InBCA

InBCA Medical Corp.

Address: YinJin Buildings 4F, Block 71, Xinan-BaoAn District, 518100, Shenzhen, China
Tel: +86 (0755) 2321 4912 Fax:+ +86 (0755) 26564580
Contact: Ms.Ella Zhou, General Manager
Email:sales@inbca.com Skype :ellazhouli2010
Mobile/WhatsApp: +8613798275256
Website: www.inbca.com

WHO WE ARE

As a national high-tech enterprise, InBCA Medical Corp. commits to developing and manufacturing medical examination device solutions, and strives to become the best provider of comprehensive chronic disease and health management solutions in China. InBCA has developed more than 12 products with independent intellectual property rights,these products are widely applied in hospitals, communities, gyms, and healthcare centers.

InBCA

professional OEM Manufacturer of
Home medical & public Medical Epidemic
prvevention Epquipment

IN-F500

Body Composition Analyzer

DSM-BIA professional human body composition analyzer, more than 50 sets of testing data to build a human data model, advanced IOT intelligent technology and IAP remote gateway technology, to meet various applications of Internet smart devices, with membership system and visitor Face recognition system, IC card and other usage system, easily and widely used in other places.

Items

- Height
- weight
- BMI
- Body composition analysis

Product Features

01 Professional Body fat composition analysis

02 10.1 inch high resolution touch screen

03 Android 7.1 system

04 LOT intelligent networking technology

05 Face image identification technology

06 Multi-language selection, free switching in screens

07 DSM-BIA Technology

Application:

Hospital , physical examination center, community workstation, health care center,Gym , Beauty slimming.

Product Function Display

SPECIFCATIONS

Model	IN-F500	
Test Range	Gender: Male / Female	
	Age range : 18-99 years old	
	Temperature: 10-40° Moderate 10-85RH	
Login Method	coin	optional
	Swipe IC card	optional
	Face recognition login	
Display	Led 300 nit	10.1 inch,Resolution:1280*800
Height	Measurement method:	Industrial grade ultrasonic measurement (including temperature compensation)
	Test Range	Height:70~210cm
weight	Measurement method:	Weighing with precision balanced beam pressure sensor
	Measuring range:	weight:0.1~400Kg
	Maximum weight:	Less than 500Kg
	Measurement accuracy:	±0.1Kg
Fat measurement	Measuring system	electrodes
	Measuring frequency	5kHz/50kHz/250kHz/500kHz
	Analysis Project	Body fat, visceral fat, body water, muscle, bone quality
	Material	Plating materials
	Measuring current	below 90μA
	Resistance	75.0～1,500.00Ω(0.1ΩUnit)
	Measuring parts	Body, right leg, left leg, right arm, left arm
Data transmission	Ethernet	
API	provided	
OEM/ODM	Yes	
Voltage	110-220V	
Rated power	50-60HZ	

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InBCA Human Body Composition Analysis Report

ID : 123456789012 Gender: Female Type: Common body type Login way: Member

Name: Beckham Age: 32 Height: 175.5 cm Date: 2019-12-02 10: 21

❶ Body Composition Analysis Unit: KG

	Measurements	Body water	Muscle mass	Non-fat mass	Weight
Body water rate (%)	43.6	33.0	45.2	47.8	75.6
Protein (kg)	12.2				
Inorganic salt (kg)	2.63				
Body fat mass (kg)	27.8				

❷ Muscle Fat Analysis

	Low standard	Standard	Super standard	Standard Value
Weight (kg)		75.6		68.2-79.5
Skeletal muscle (Kg)		31.8		18.8-29.5
Body fat mass (Kg)		27.8		Reference 18.5-39.6

❸ Obesity Analysis

	Low standard	Standard	Super standard	Standard Value
BMI		22.6		18.5-23.9
Body fat percentage (%)		25.3		16.8-23.5
Visceral fat grade	Standard	Height	Very high	Standard Value 1 - 9
		12		

❹ Segmental Lean Analysis

		Muscle mass	Fat mass	Fat ratio
Right	Left			
①	②	1 Right Arm	2.9 Kg	1.0 Kg	25.2 %
		2 Left Arm	3.1 Kg	1.0 Kg	23.8 %
③		3 Trunk	30.5 Kg	18.1 Kg	36.1 %
④	⑤	4 Right Leg	11.9 Kg	5.2 Kg	29.3 %
		5 Left Leg	11.8 Kg	5.3 Kg	29.7 %

❺ Recent change trend of body indexes

Weight (kg)	
Skeletal muscle (kg)	
Body fat percentage (kg)	

☐ Recent ☐ All

❻ Overview

Physical examination score	69
Body age	45

❼ Other Items

Basal metabolic rate	1176 kcal
Body water rate	32.8 % (30.5-38.6%)
Protein ratio	25.2 % (18.2-30.1%)

❼ Body type analysis result

☐ Invisible obese ☐ Obese ☐ Over obese

☐ Insufficient type ☑ Standard type ☐ Standard muscle type

☐ Thin ☐ Lean muscle type ☐ Muscular

❽ Nutrition analysis

Protein: ☑ Insufficient ☐ Normal ☐ Overdose

Fat: ☐ Insufficient ☐ Normal ☑ Overdose

Inorganic salt: ☐ Insufficient ☑ Normal ☐ Overdose

❾ Weight control

Target weight	75.2	kg
Weight control	- 1.4	kg
Fat control	- 8.6	kg
Muscle control	+ 6.9	kg

❿ Bioelectrical impedance

Measurement frequency	10kHz	50kHz	100kHz
Right arm	372.2	332.7	315.6
left arm	357.8	319.7	303.9
Trunk	32.8	30.1	31.5
Right leg	313.2	273.0	255.1
left leg	321.3	289.5	260.4

⓫ Expert' s comments

IN-F100

Professional Height & Weight Physical Examination

User friendly interface and intelligent voice guidance lets you easily take the INBCA test and analyze results. Provide customized consultation with the segmental circumference, segmental lean analysis and segmental fat analysis. You can also check with what kind of body type with INBCA IN-F100, which is determined by BMI and body fat. Understanding your body type will help you make a better diet and exercise plan, and set realistic, achievable, goals that pave the way to your success.

Items

- weight
- BMI
- Body composition analysis

Product Features

01 Professional Body fat composition analysis

02 8 inch high resolution touch screen

03 Android 7.1 system

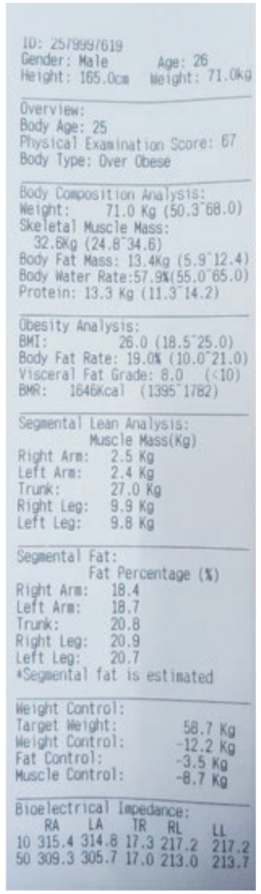
04 LOT intelligent networking technology

05 Multi-language selection, free switching in screens

Application:

Hospital , physical examination center, community workstation, health care center,Gym , Beauty slimming.

PRODUCT FUNCTION DISPLAY



SPECIFCATIONS

Function parameter		
Model	IN-F100	
Test Range	Gender: Male / Female	
	Age range : 18-99 years old	
	Temperature: 10-40° Moderate 10-85RH	
Login Method	coin	optional
	Swipe IC card	optional
Display	Led 300 nit	8 inch，Resolution：1024*768
Height	Measurement method:	Industrial grade ultrasonic measurement (including temperature compensation)
	Test Range	Height:70~210cm
weight	Measurement method:	Weighing with precision balanced beam pressure sensor
	Measuring range:	weight:0.1~400Kg
	Maximum weight:	Less than 500Kg
	Measurement accuracy:	±0.1Kg
Fat measurement	Measuring system	8 electrode
	Measuring frequency	5K/10K/25K/50K/100K/250KHz
	Analysis Project	Body fat, visceral fat, body water, muscle, bone quality
	Material	Plating materials
	Measuring current	below 90μA
	Resistance	75.0～1,500.00Ω(0.1ΩUnit)
	Measuring parts	Body, right leg, left leg, right arm, left arm
Data transmission	RS232 serial port	
OEM/ODM	Yes	
Voltage	110-220V	
Rated power	50-60HZ	

IN-I5

Intelligent Integration Of Chronic Disease Management Platform

Items

- weight
- BMI
- Body Composition Analysislysis
- Blood pressure
- Height
- Blood oxygen
- Body Temperature

Features

01 All-in-one machine design, various physical examinations are completed in one stop

02 Multiple login methods, face recognition login

03 Quickly and easily establish personal health electronic records

04 Simple operation and immediate printing of physical examination report

05 Powerful Internet function to effectively prevent chronic diseases

Application:

Hospitals, social health service stations, physical examination centers, smart elderly care, health management institutions, pharmacies and pharmaceutical companies,insurance, fitness center.

PRODUCT FUNCTION DISPLAY

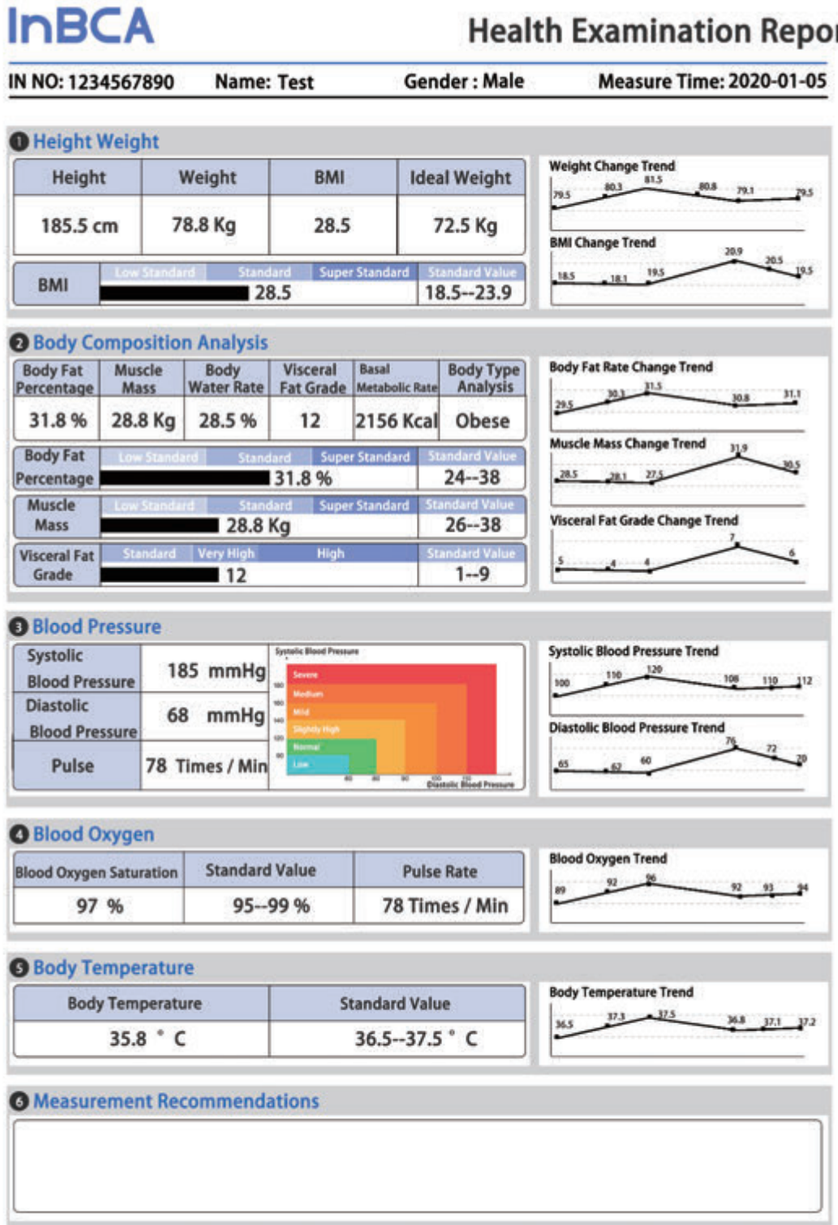
SPECIFCATIONS

Model		IN-I5
Height	Hardware module model	INBCA Hardware motherboard + sensor
	Measuring system	Ultrasonic sensor (including high-precision temperature difference compensation sensor)
	Measuring range	Height:70~210cm
	Measurement accuracy	±0.5cm
weight	Hardware module mode	INBCA Hardware motherboard + sensor
	Measuring system	Precision balance beam pressure sensor
	Measuring range	1～400Kg
	Measurement accuracy	±0.1Kg
Body composition analysis	Measuring system	DSM-BIA（Direct Segmental Multi-frequency、Bioelectrical Impendance Analysis）
	Measuring range	10KHz、50KHz、100KHz
	Measuring current	Below 90μA
	Electrode material	Plated metal material
	Measuring part	Trunk / Right arm / Left arm / Right leg / Left leg
	Measuring range	50.0 Ω ～ 1200.0 Ω
Body temperature	Measuring system	Measuring system
	Measuring range	0～299mmHg, 40 hops/min ～180 hops/min
	Measurement accuracy	Pressure: within ±3mmHg (±0.4kpa), pulse reading: within ±2% of reading
	Applicable arm circumference	17cm--42cm
Blood oxygen	Measuring system	Dual wavelength light emitting diode
	Measuring range	35%～100%
	Measurement error	Within the range of 70%～100%,the measurement error is ±2% (% is pulse oxygen saturation and percentage)
	Measurement accuracy	Less than 3% within the measurement range of 70%～100%

SPECIFCATIONS

Touch screen	21.5 inches, resolution: 1080*1920	
	LCD panel material: IPS screen（In-Plane Switching）	
	Touch display structure： Cover Glass+ITO Glass+TFT LCD	
	Surface hardness：> 6H	
	Operating temperature：0℃~50℃	
	Working humidity：45-85%RH	
Data transmission	Ethernet	
Voltage	220 AC	
Power	100W	
Working humidity	5℃～45℃（-10℃～+60℃）	
System Configuration	CPU	RK3288 Cortex-A17, quad-core processor, clocked at 1.8GHz
	GPU	Mali-T764
	system	Android 7.1
	Memory/Storage	2G/ 8G（Customizable higher storage capacity）

REPORT



IN-E1

Intelligent Health Examination Kiosk

Items

- weight
- BMI
- Body Composition Analysislysis
- Blood pressure
- Body Temperature
- Blood oxygen

Product Features

01 High speed, 1 minute measurement

02 Moderate height, integrated design, natural sitting posture measurement, adjustable seat height, adopt tunnel-type blood pressure measurement

03 Height precision, using the most advanced measurement equipment, Ensure measurement accuracy

04 Intelligent, support ID/barcode login, full voice guidance

05 Data connection, data can be connected to information platforms such as HIS

06 Strong scalability, can be customized according to customer requirements

Application:

Hospitals, social health service stations, physical examination centers, smart elderly care, health management institutions, pharmacies and pharmaceutical companies, insurance, fitness center.

SPECIFCATIONS

Model	IN-E1	
Class	Category II	
Body weight measurement	Measuring system	Resistance strain gauge
	Body weight index	Automatic intelligent calculation of body mass index
	Range of measurement	500kg
	erified precision	±0.1kg
Blood Pressure Measurement	Model	Panasonic EW3153 Arm cuff
	Measurement Method	Oscillometric method
	Measurement range	Pressure: 0 mmHg to 280 mmHg(0~37.3 kPa), Pulse: 30 to 160/min
	Storage temperature/ Humidity/Air Pressure	-20°C to 60°C/15 to 93%/ RH500 - 1060 hPa
	Console Weight	Approximately 1550 g
	Outer Dimensions	Approximately 283 (L) mm * 169 (W) mm * 281 (H) mm
	Arm Circumference	20 to 34 cm
Fat measurement	Measurement category	Body fat, visceral fat, body water, muscle, bone mass,basal metabolism
	Material	Electroplating material
	Current for measurement	90μA or below
	Range of measurement	75.0~1,500.00Ω(0.1ΩUnit)
	Body parts of surveyor	Right arm, left arm
	Blood oxygen probe	CREATIVE KS-CM01
	Wave length	"Visible light(Max):663nm Invisible Light:890nm"
	Measurement range	35%~100%
	Average output power(Max)	≤2mW
	Measurement error	In the range of 70% to 100% < 2%
	Accuracy	In the range of 70% to 100% < 3%
	Pulse rate measurement error	30~250bpm
		Monitoring error is 2bpm or %2, whichever is the largest
	Working humidity	5℃~40℃
	Relative humidity	15%~95%(Non-condensation)
	Atmospheric pressure	70kpa~106kpa
	Power supply mode	Powered by ancillary equipment
	Range of measurement	95-99%(2%normal status, 3% motion or weak,perfusion less than 95% undefined)

Body temperature	Infrared thermometer	Calibeur DT-8836
	Specification	150*75*40mm
	Body temperature range	32.0~42.5℃
	Object temperature range	0~100℃
	Accuracy	0.2 ℃
	Measurement distance	5-8cm
	Power dissipation	≤120mw
	Operating Temperature	10~40℃
	Storage temperature	0~50℃
	Blood oxygen probe	CREATIVE KS-CM01
	Relative humidity	≤85%
	Measurement range	35%~100%
	Average output power(Max)	≤2mW
	Power supply	DC 9V (6F22:a layer-built battery)
	Weight	Gross weight:400g, Net weight:172g
	Auto power o□	About 15 seconds
Touch display	Display screen	21".5 inch imported color LCD panel, response speed:6ms,
		bearing a super height of 1500nits, Visible LCD Screen under sunlight.
	Operation range of temperature and humidity for screen	Temperature:0 - 50℃; Humidity:10% - 90% (Relative,non-compact)
	Resolution rate	1080*1920 / 32bit true color
	Brightness and Contrast	400cd/㎡ ; 5000:1
	Average trouble-free time of touch panels	Industrial-grade Resistance Touch Panel,more than 20
		thousand hours of trouble-free operation;
	Life endurance of touch panel	More than 30 million times of trouble-free operation
		(Tip R0.8mm)
	Brightness and Contrast	320cd/㎡ ; 5000:1
	Average trouble-free time of touch panels	Industrial-grade Resistance Touch Panel,more than 20
		thousand hours of trouble -free operation
	Life endurance of touch panel	More than 30 million times of trouble-free operation
		(Tip R0.8mm)
Data output port	LAN network port	

SPECIFCATIONS

Power voltage		220 AC (50Hz/60Hz)
Rated power		(100W)Max.
Humidity range of operation (Storage temperature range)		5℃~45℃(-10℃~+60℃)
Measurement platform and touch display of industrial-control computer		Brand:GIFA industrial control, Intel dual core processor
Hardware configuration	CPU	RK3288 Cortex-A17 quad-core, up to 1.8GHz
	System	Android 7.1
	DDR	DDR-III 2GB (4GB optional)
	LVDS	30-pin industry-standard dual LVDS supporting VESA/JEITA format up to 1080P output
	Storage	The default comes with an 16GB EMMC NAND chip
	Ethernet	10/100M Adaptive Ethernet RJ45 connector+4-Pin header.
		Built-in high performance USB interface WiFi module, support IEEE 802.11 b/g/n
	Line Output	Support standard left and right channel line output (pin header)

PRODUCT FUNCTION DISPLAY

IN-H3

Professional Height & Weight Physical Examination

Items

- weight
- BMI
- Height

Functions

01 Ultrasonic height sensor for height measurement

02 Accurate weight sensor with deviation at 100g

03 Coin acceptor for log in options

04 LCD display for clear information

05 Inbuilt printer with automatic result ticket

06 print and cut

07 Voice announcement

Application:

Hospitals, social health service stations, physical examination centers, smart elderly care, health management institutions, pharmacies and pharmaceutical companies,insurance, fitness center.

PRODUCT FUNCTION DISPLAY

SPECIFCATIONS

Modle No	IN-H3
Display screen	7 inches touch LCD screen
Height measurement	Ultrasonic probe (US brand)
Weight measurement	Resistance high accuracy loadcell
Measurement range of height	Height: 20-200cm
Measurement range of weight	Weight: 1-300kg(500kg is optional)
BMI	Automatic display
Deviation of height	Height: ±0.1cm
Deviation of weight	Weight: ±100g
Coin acceptor	Support most countries' coin or game coin
Peak power consumption	<30W
Standby power consumption	<8W
Working temperature/humidity	10-40℃ 20-95%
Net weight/package weight	20kg/30kg
Height of machine	229cm(Height could be customized)
Scale body folding dimension	1152*229.2*179.4mm
Basefoot dimension	310*520*100mm
Package dimension	550*1300*310mm（1 pcs/ Carton）

InBCA

IN-H9

Multifunctional Body Fat Analyser

INBCA multi-functional body fat anlyser, with accurate measurement, strong stability, rapid measurement of multiple test items, can meet the hospital physical examination items, easy to connect with the hospital software system, and supports RS232 to transfer data.

Items

- weight
- BMI
- Height
- Body Composition Analysislysis

Functions

01 Ultrasonic height sensor for height measurement

02 Accurate weight sensor with deviation at 100g

03 Coin acceptor for log in options

04 LCD display for clear information

05 Inbuilt printer with automatic result ticket

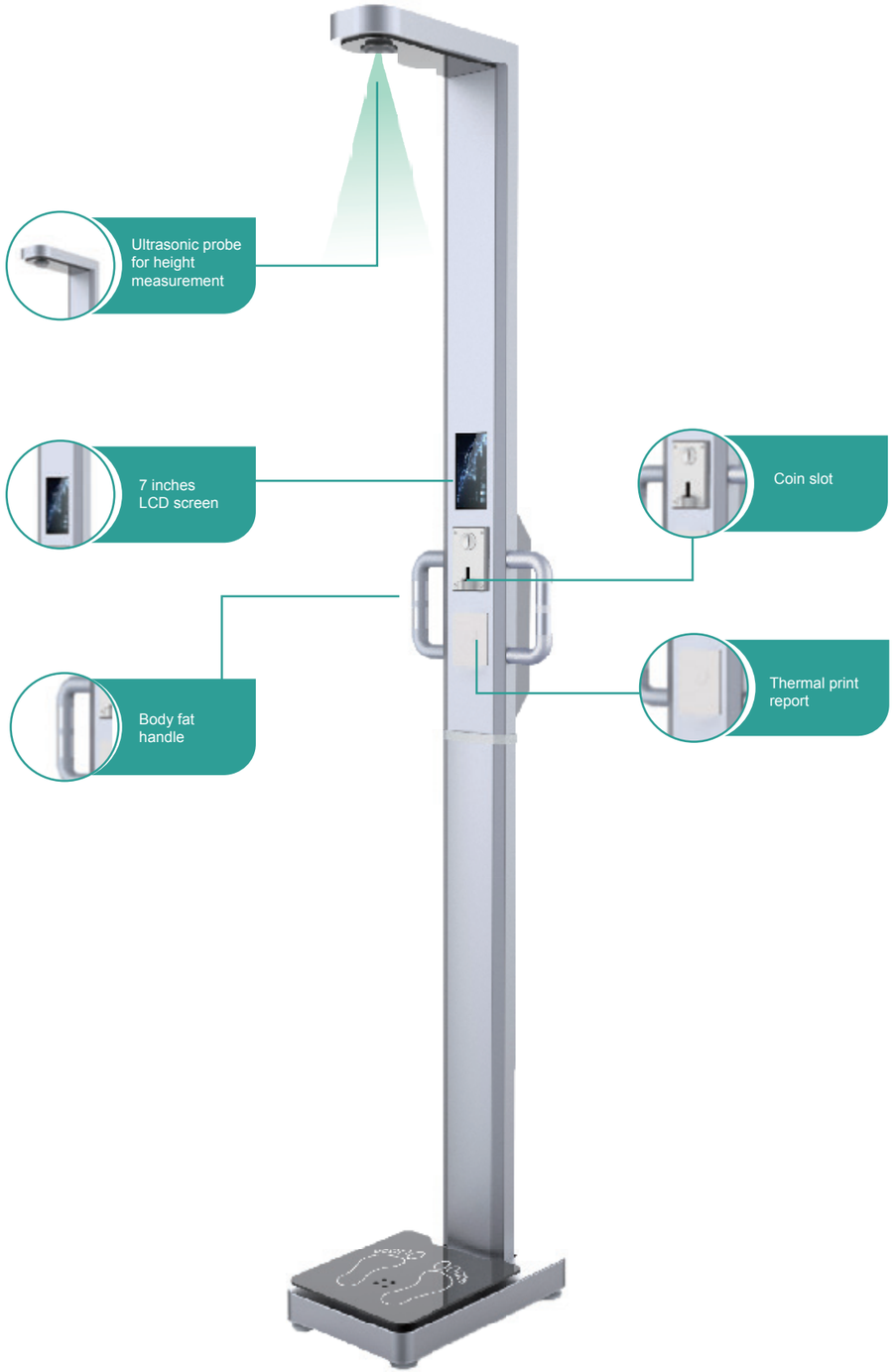
06 print and cut

07 Voice announcement

Application:

Hospitals, social health service stations, physical examination centers, smart elderly care, health management institutions, pharmacies and pharmaceutical companies,insurance, fitness center.

PRODUCT FUNCTION DISPLAY



SPECIFCATIONS

Modle No	IN-H9
Display screen	7 inches touch LCD screen
Height measurement	Ultrasonic probe (US brand)
Weight measurement	Resistance high accuracy loadcell
Measurement range of height	Height: 20-200cm
Measurement range of weight	Weight: 1-300kg(500kg is optional)
BMI	Automatic display
Fat measurement	Measuring system,electrodes
	Measuring frequency,5kHz/50kHz/250kHz/500kHz
	Analysis Project,Body fat, visceral fat, body water, muscle, bone quality
	Material,Plating materials
	Measuring current,below 90μA
	Resistance,75.0～1,500.00Ω(0.1Ω Unit)
	Measuring parts,Body, right leg, left leg, right arm, left arm
Deviation of height	Height: ±0.1cm
Deviation of weight	Weight: ±100g
Coin acceptor	Support most countries' coin or game coin
Peak power consumption	<30W
Standby power consumption	<8W
Working temperature/humidity	10-40℃ 20-95%
Net weight/package weight	20kg/30kg
Height of machine	229cm(Height could be customized)
Scale body folding dimension	1152*229.2*179.4mm
Basefoot dimension	310*520*100mm
Package dimension	550*1300*310mm（1 pcs/ Carton）

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