FitMao Body Composition Analyzer

Eight–electrode bioelectrical impedance measurement technology

BIA | **BIOELECTRICAL IMPEDANCE**

The electrodes are applied to different parts of the human body to be measured, and the eight–electrode multi–frequency impedance acquisition method is used to measure the resistance–capacitance model of the biological ternary model. The error between the measured value and the theoretical value is extremely small, and the accuracy of the measurement system is optimal.

Why choose us?

Professional health measurement and fitness data management capabilities

	FitMao	other brands
Measurement technology	High-tech certification	common technology
Electrode	Eight electrodes	Four-electrode/ eight-electrode
Frequency	Multi-frequency five-segment	single frequency/ multi frequency
Measurement and Analysis	Direct measurement + big data analysis	Calculation of empirical variables
System Support	FitMao fitness management system	no system support
Scenes to be used	Fitness studio/club/chain store/ beauty body, etc. to improve the grade of the venue	general scene

9 characteristics

Intelligent interconnection, precise and stable

BIA
Bioelectrical impedance

Eight electrodes

Multi-Frequency Segment Test

10 inch IPS touch screen

Multi-terminal physical test report

Directly get the report

personal health record

Data cloud service

High-tech certification

FiTMao - 280

Face recognition user information, making physical examination more convenient

In addition to the traditional login method, FM-280 Face recognition height measuring instrument fully supports the face recognition test. There is no need to manually input user information, and information matching can be completed by swiping the face. Fast and efficient.

Fitness membership card (IC card) identification

FM-280 Face recognition height measuring instrument has a built-in IC card reader module. After binding the IC card, the user can perform identity matching through the traditional gym membership card, and the physical test data will be permanently stored in the cloud.

Human Body Segmented Electrical Impedance Analysis Technology

Direct piecewise multi-frequency bioelectrical impedance analysis, treating the human body as consisting of five cylinders: left arm, right arm, left leg, right leg, and torso.FitMao support independent measurements of individual cylinders, giving accurate measurements of the whole body.

torso

upper limb

upper limb

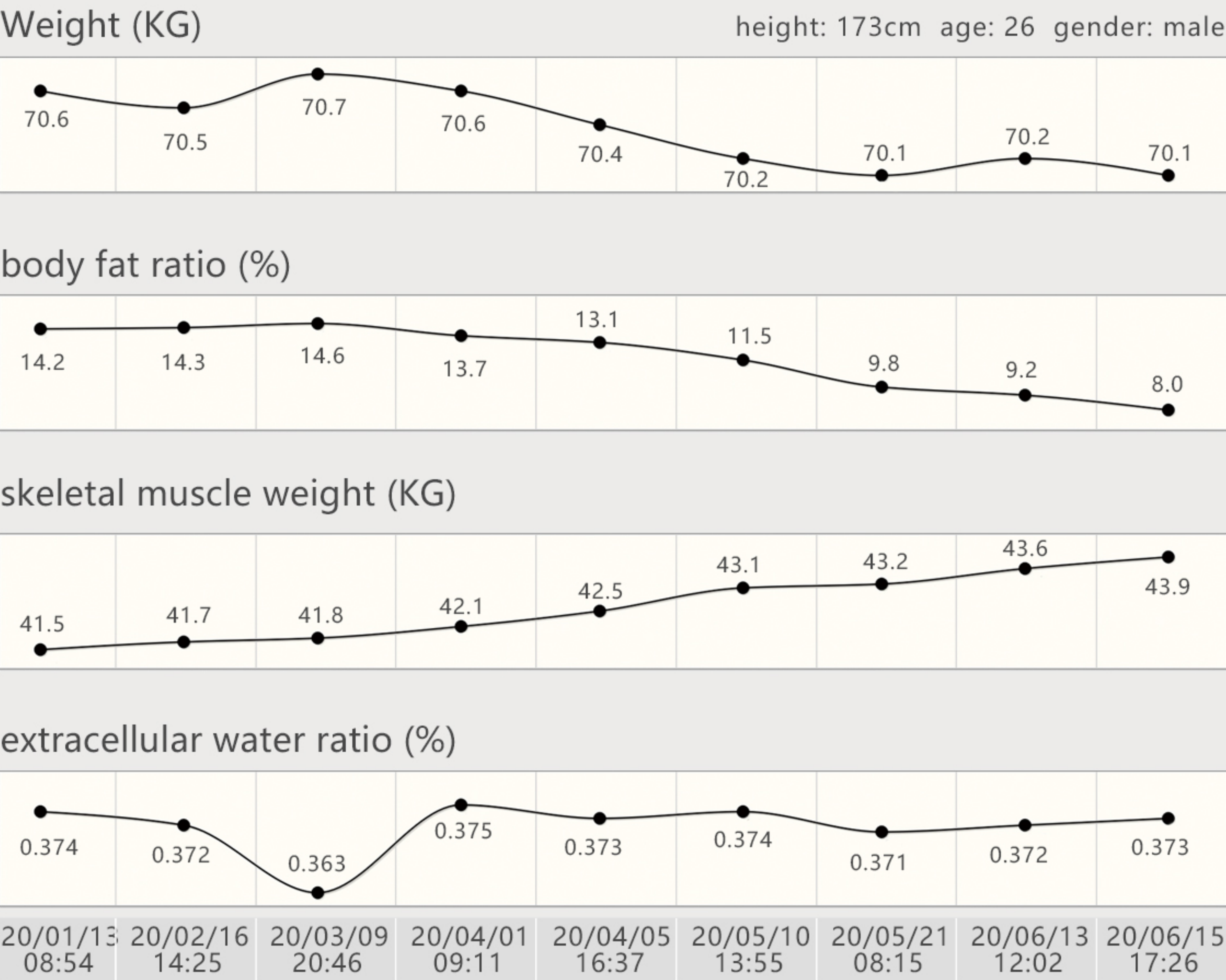lower limb

lower limb
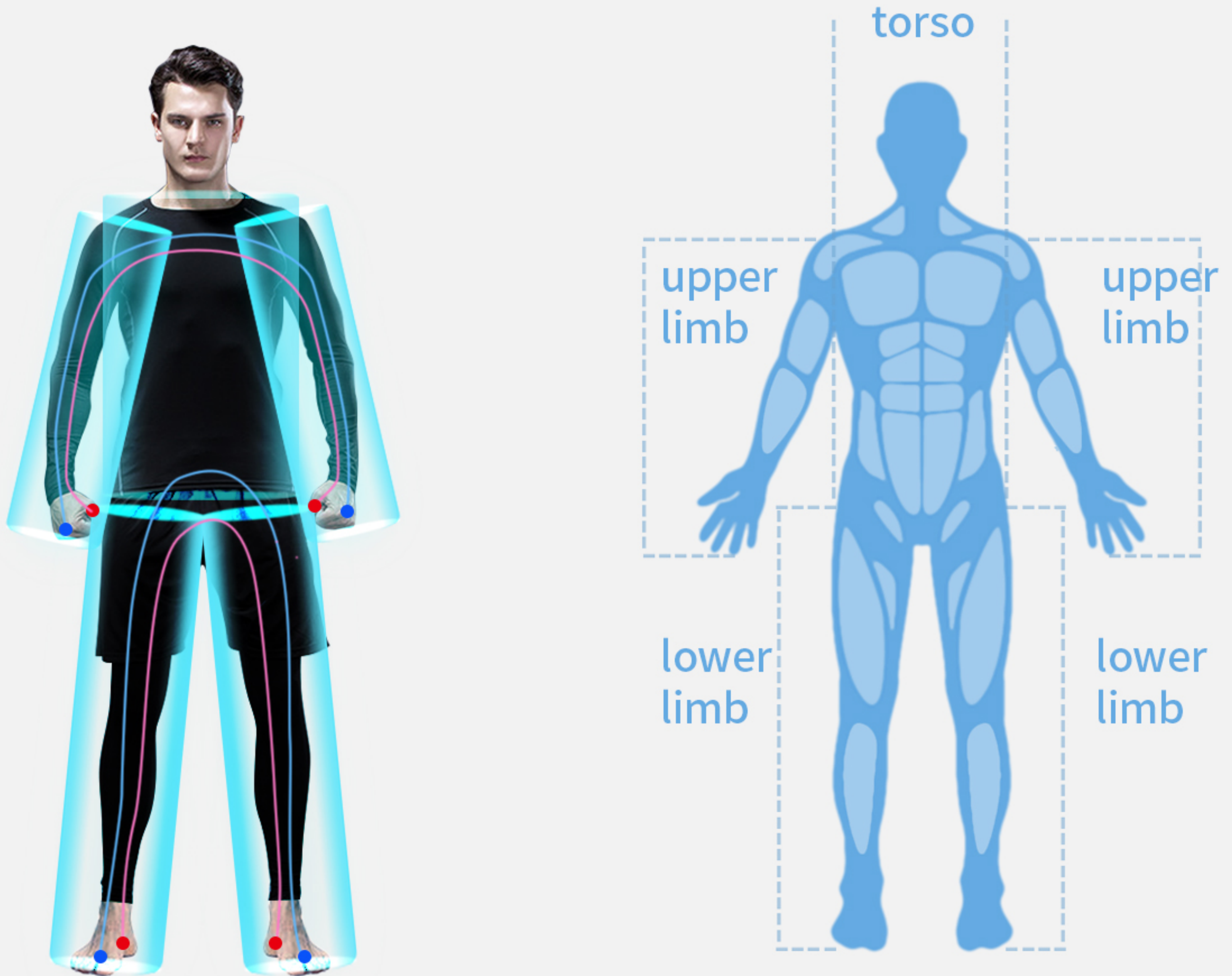
Multi-frequency (high + low frequency) direct current measurement

Different high and low frequency conditions are used to measure intracellular and extracellular fluids for accurate total body water analysis. The use of multiple frequencies improves the measurement accuracy of the body composition analyzer.

high frequency
High（100khz）

low frequency
Low（20khz）
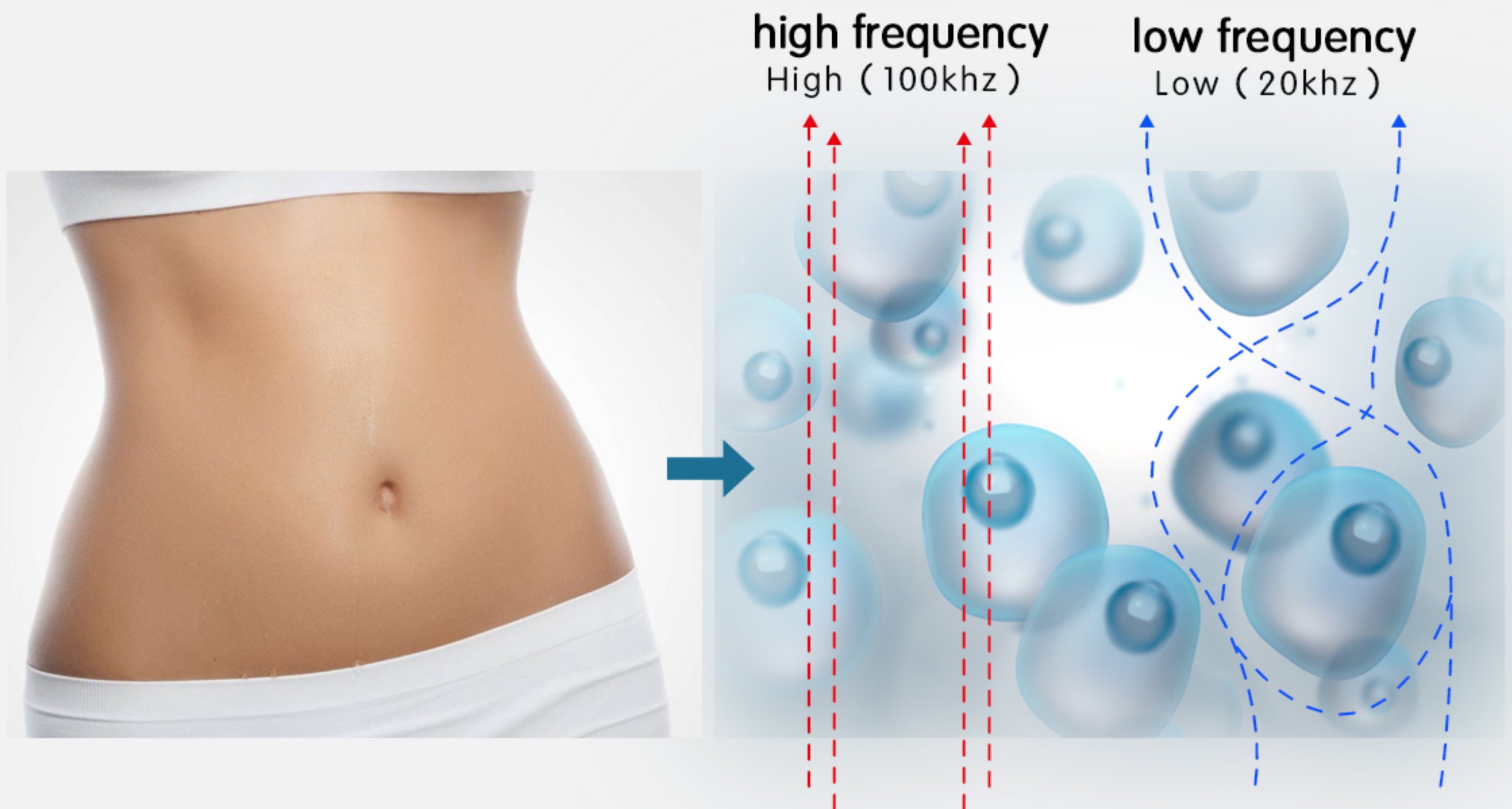
Want to track real changes in your body?
Is the body getting healthy? How has it changed?

The body composition curve will tell you!

Weight (KG)   height: 173cm age: 26 gender: male

70.6
70.5
70.7
70.6
70.4
70.2
70.1
70.2
70.1

body fat ratio (%)

14.2
14.3
14.6
13.7
13.1
11.5
9.8
9.2
8.0

skeletal muscle weight (KG)

41.5
41.7
41.8
42.1
42.5
43.1
43.2
43.6
43.9

extracellular water ratio (%)

0.374
0.372
0.363
0.375
0.373
0.374
0.371
0.372
0.373

| 20/01/13 08:54 | 20/02/16 14:25 | 20/03/09 20:46 | 20/04/01 09:11 | 20/04/05 16:37 | 20/05/10 13:55 | 20/05/21 08:15 | 20/06/13 12:02 | 20/06/15 17:26 |

Through the body composition analyzer, not only can we see the changes in weight gain, but also know the changes in body fat percentage over time. At the same time, it can also compare whether important physical information such as skeletal muscle weight has changed.

IPS HD touch capacitive screen

Equipped with a 10-inch high-definition screen, there is no need to install additional mobile APPs. It integrates touch operation and management, which can realize body composition analysis, view historical physical examination records, print paper reports, etc.

More than 40 human health data

Professional–grade body composition analysis report

Body Composition Analysis Report

FiTMao-280

Name	Height	Age	Gender	Time/Date
周黛墨	161.3cm	25	female	2020/06/15 14:46

Body Composition Analysis

	Values	Body Water	Soft Lean Mass	Fat Free Mass	Weight
ECF Extracellular fluid L	10.6 (9.5~11.8)	28.5 (26.3~32.1)			
CF Intracellular fluid L	15.9 (13.5~18.4)		34.8 (33.8~43.1)		
Protein kg	7.4 (7.0~8.6)				
Minerals kg	2.72 (2.44~2.98)	non-osseous		36.2 (35.8~43.7)	
Fat kg	20.2 (10.3~16.5)				58.2 (43.9~59.5)

Muscle-Fat Analysis

		Under	Normal	Over
Weight kg	30.0 35.0 40.0 43.9 45.0 50.0 55.0 59.5 65.0 70.0 75.0		58.2	
SMM Skeletal Muscle Mass %	5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0	19.6		
Body Fat Mass kg	6.0 8.0 10.0 12.0 14.0 16.0 18.0 19.0 22.0 25.0 28.0			21.8

Obesity Analysis

		Under	Normal	Over
BMI Body Mass Index kg/m2	30.0 35.0 40.0 43.9 45.0 50.0 55.0 59.5 65.0 70.0 75.0		22.6	
PBF Percent Body Fat %	5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0		23.2	

Segmental Assessment

Segmental Lean Analysis

RA		LA
2.99kg 99.2% Normal	24.19kg 98.8% Normal	2.97kg 98.3% Normal
9.91kg 112.9% Under		9.68kg 110.2% Under
RL		LL

Segmental Fat Analysis

RA		LA
0.65kg 103.2% Normal	2.99kg 99.2% Normal	0.66kg 105.2% Normal
1.99kg 102.2% Normal		1.89kg 107.1% Normal
RL		LL

Body Composition Change

		20/06/02 17:31	20/06/03 15:21	20/06/04 16:25	20/06/05 17:56	20/06/06 10:36	20/06/07 11:56	20/06/09 16:17
Weight kg		62.3	61.0	60.3	59.8	59.5	58.6	58.2
SMM Skeletal Muscle Mass %		18.2	18.6	18.9	19.3	19.1	19.2	19.6
PBF Percent Body Fat %		26.3	25.1	24.6	23.9	23.1	22.5	21.8

Score	Physiological Age
62.7	26

Comprehensive Evaluation

Basal Metbolic Rate	1639	kcal
Bone mineral content	2.8	kg
Waist hip ratio	0.88	(0.79~0.90)
Visceral Fat Level	11.3	(4.0~8.0)

Body Type

ThinFat	OverFat	OverFat ✔
LowWeight	Standard	OverWeight muscular
Low Fat Low Weight	Low Fat muscular	Athletic

PBF(Percent Body Fat %) — BMI (Body Mass Index kg/m2)

gain muscle ✔	lose fat	keep
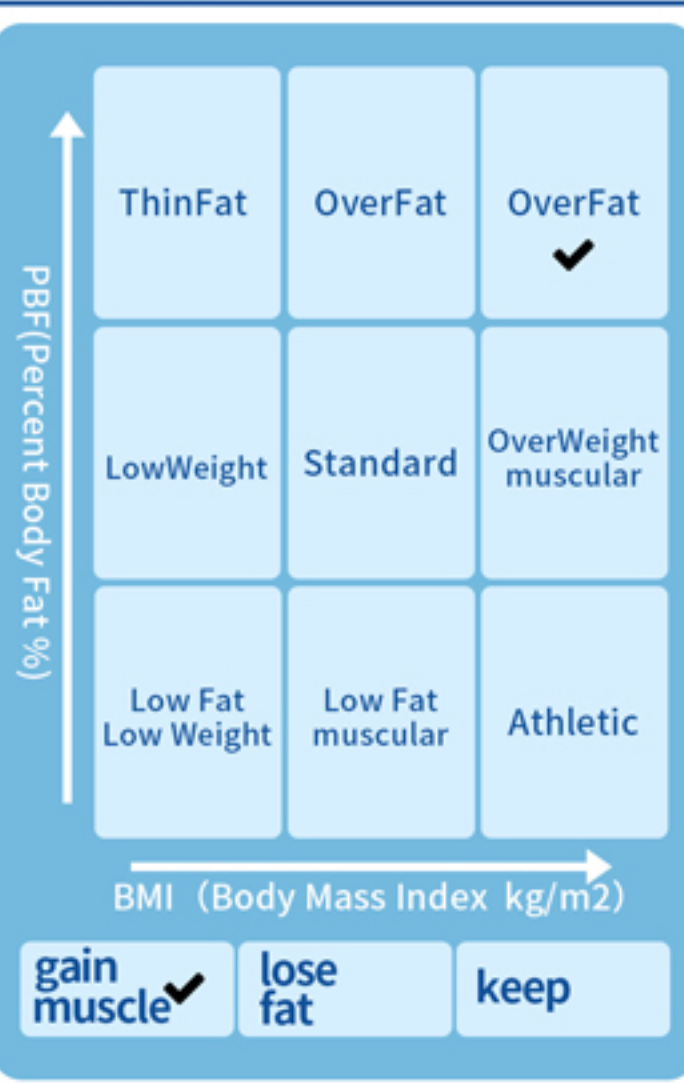
Weight Control   add +   sub −

Target Weight	51.8kg
Weight Control	− 7.4kg
Fat Control	− 9.8kg
Muscle Control	+ 2.6kg

Results QR Code

Scan the QR code to see results interpretation in more detail.

Impedence

	RA	LA	TR	RL	LL
5KHZ	325.0	327.5	27.9	241.1	255.3
50KHZ	325.0	327.5	27.9	241.1	255.3

Built-in wireless printing program

WIFI printer, one-click can print out the measurement result

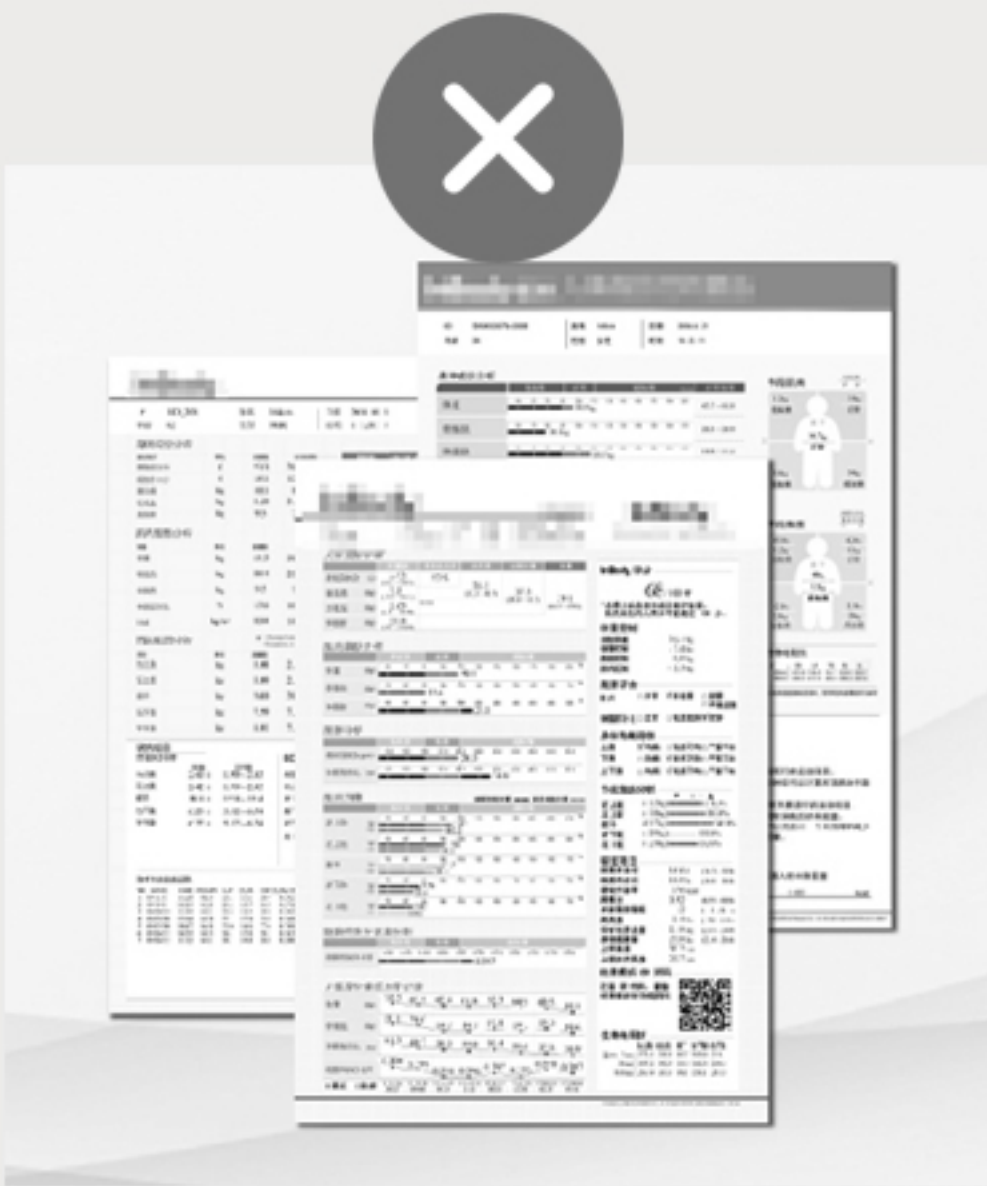**EPSON** EXCEED YOUR VISION   **hp**®

Compatible with mainstream WIFI printers on the market, EPSON, HP, etc. Please purchase according to the specified brand or model, please contact customer service for details.

No need to specify special paper

The template and data are output at one time, and the overall printing can be realized, and the data is not misplaced. There is no need to specify special printing paper, which greatly saves operating costs.

报告纸规格

报告纸规格

尺寸大小	A4
整箱数量	1000张/箱
产品价格	500元/箱

报告纸规格

A4

克 重：70g

¥**99.0** 立即购买

包装清单：500张/包×5包

箱装尺寸：320*228*250mn

纸张顺滑 不易卡纸

Some body fat analyzer merchants will sell special printing paper

The price of the special paper is high

FitMao only need ordinary blank A4 printing paper

FitMao Product Parameters

Bioresistance Measurement Item	Fat weight, total water, protein, inorganic salts, body fat percentage, body water percentage, skeletal muscle percentage, visceral fat level, body mass index BMI, basal metabolism, bone mineral content, extracellular fluid, intracellular fluid, impedance, body weight, Lean body mass, composite score, body age, segmental fat mass (limbs + trunk), segmental muscle mass (limbs + trunk), segmental fat ratio (limbs + trunk)
Measurement methods	Direct segmental multi-frequency bioelectrical impedance analysis SDM-BIA measurement method"
Electrode method	Eight electrodes
Measurement and Analysis	Direct measurement + big data analysis
Display screen	10.1 inch HD touch capacitive screen
Report Type	Android console report,PC report,Mobile application H5 report,Paper report in A4 format
Voice broadcast function	Full live voice prompts
Data storage	Cloud data storage (need to be connected to the Internet), support PC terminal; FitMao smart front desk, fitness assistant, etc.