GemRed

Empower Multi-industries Provide Intelligent Measurement Solutions

GemRed·Consumer Electronics Catalog

Specialize in smart measurement Committed to product quality

Company: Guilin GemRed Sensor Technology Co., Ltd.

Phone/Whatsapp: +86 19167735536

Email: info@gemred.com

Website: https://www.gemredtech.com/

Guilin GemRed Sensor Technology Co., Ltd

About GemRed

Founded in 2003, GemRed is a high-tech enterprise focusing on the R&D of sensors, with the production and sales of measurement tools. It is committed to the application research of Capacitive Grating Sensors and MEMS Sensors in angle/level/length measurements. Our products are selling well in more than 60 countries which cover two major fields: Consumer Electronic Health products and digital general hardware tools.

Independent R&D   **Source Manufacturer**

53Patents   **Annual sales volume of more than 2,000,000 sets**

Basic Information

User002381
Female 24Y
170cm 64kg

ment/User 002381

.2
eeded Severe

2.2cm

32.2cm

: 71.2cm

h R: 58cm

e R: 35.4cm

Health Report

BMI **37.6**
Thin | Standard | Overweight | Obesity | Extreme Obesity
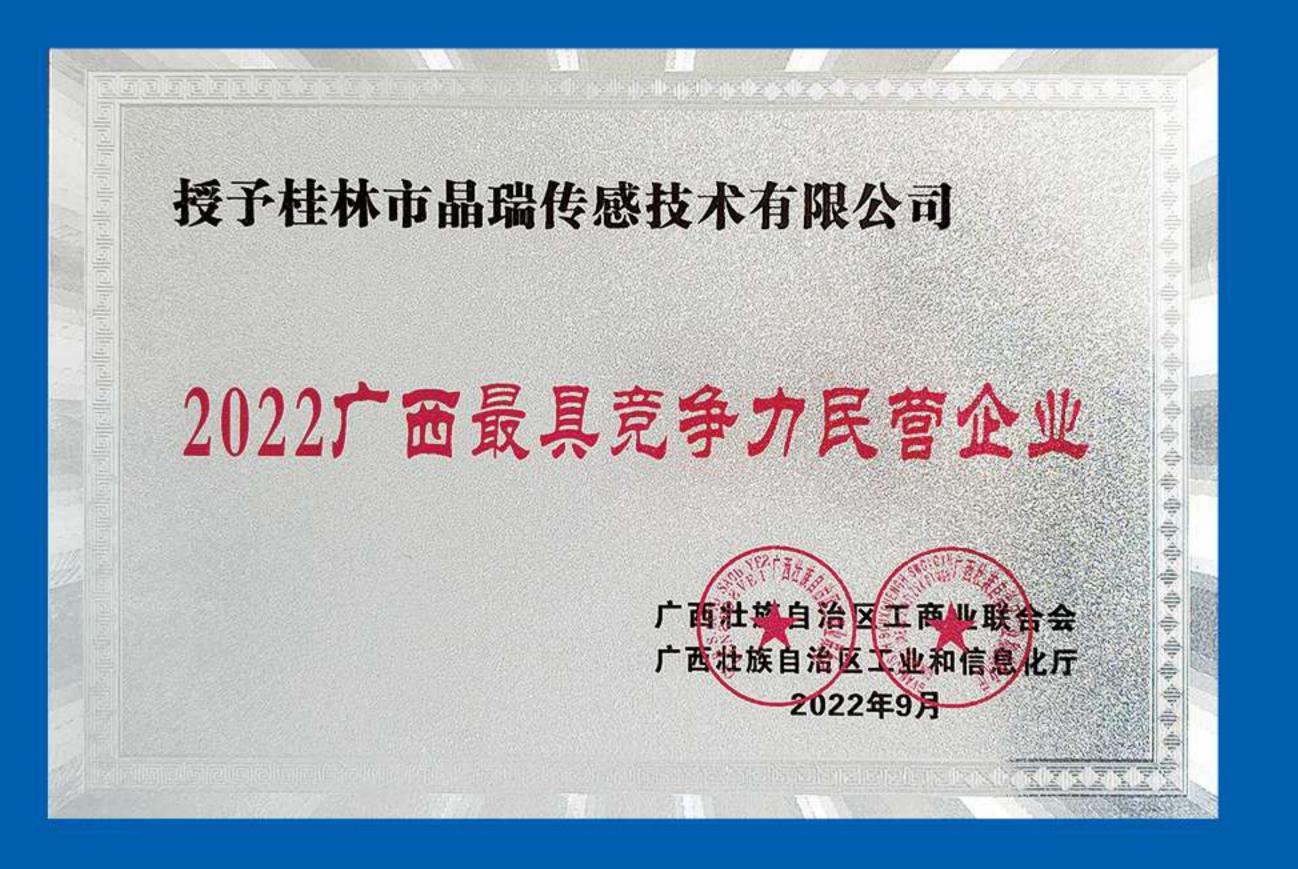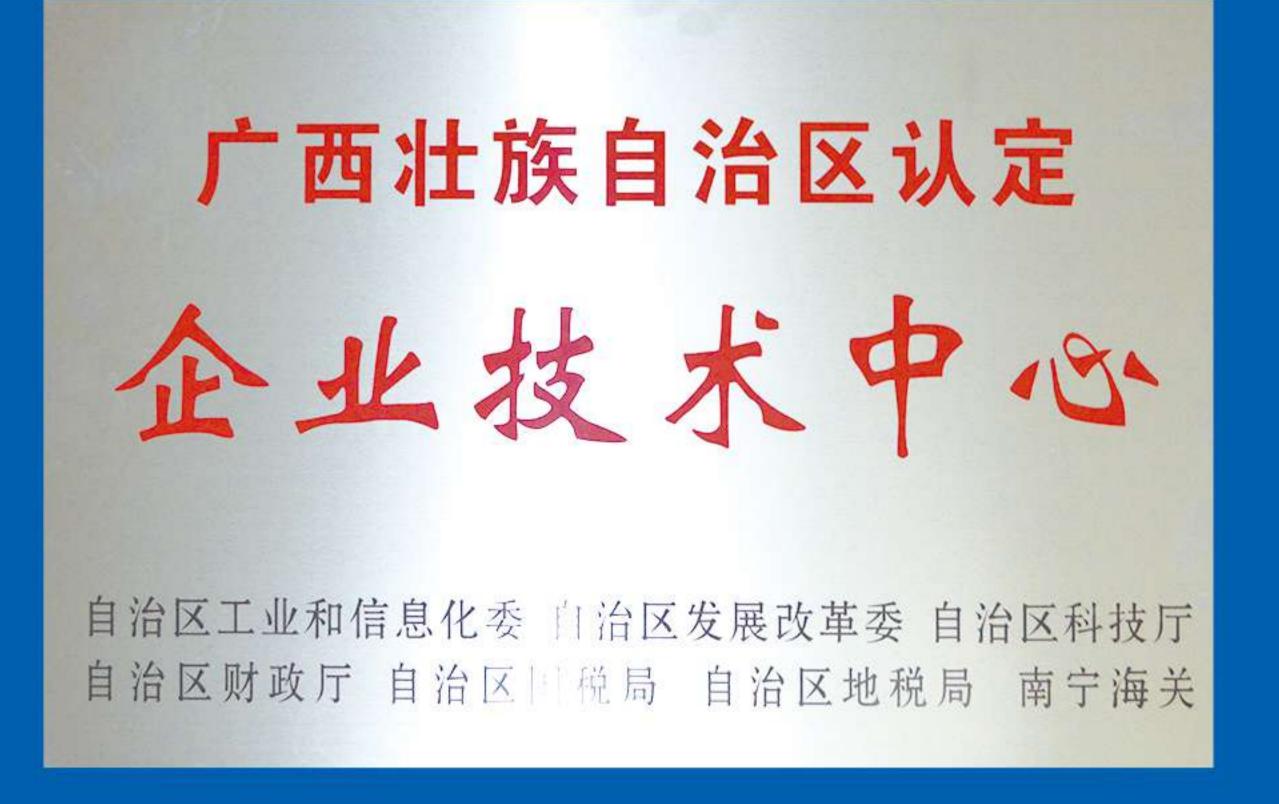
WHR **1.2**
Standard | Exceeded | Severe

Analysis
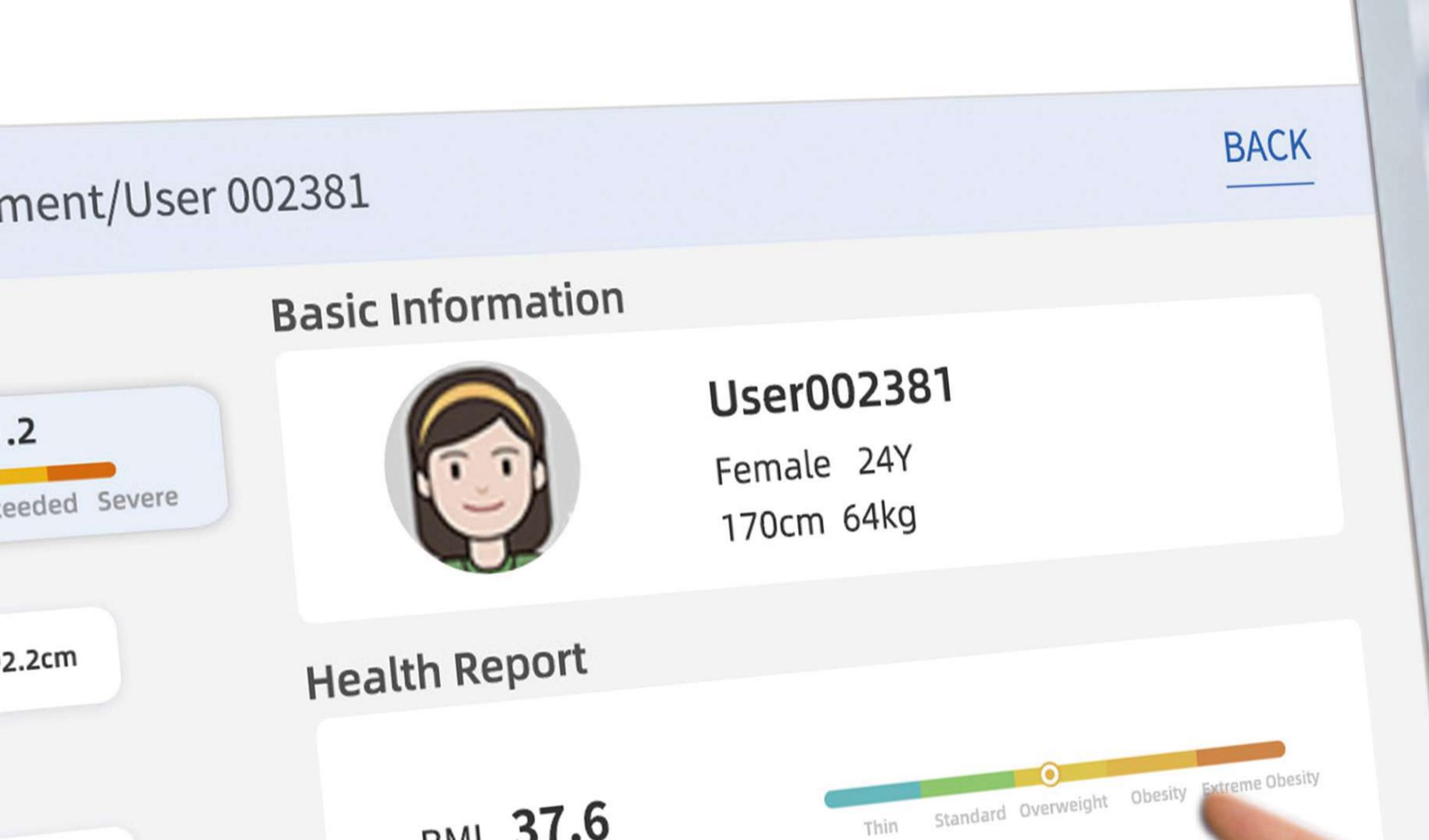
Waist circumference and waist-abdominal fat index are co... prehensive indicators that reflect the total amount and dis... bution of waist-abdominal fat. The higher the risk index of... visceral fat, the higher your health risk, and it is easy to cause diabetes, high blood pressure, fatty liver and lifestyle-related diseases.

ACCURATE AND EFFICIENT
EFFECTIVE DATA COLLECTION

Traditional Measurement VS GemRed Smart Measurement Solutions

Fuzzy readings & time consuming.

Easy to read on the big LCD screen.

Convenience

Errors in manual reading , not standardized scales, lead to inaccurate measurements.

Possess Core Patents Guaranteed by International Quality Stable&Accurate Measurements

Accuracy

Inefficient manual recording Time-consuming & Error-prone

One-click measurements sync to Cloud Higher data utilization

Data Management on the Cloud

Unable to connect with other device/APP.

Bluetooth Connection Available to upgrade and improve users' smart system and detection

Flexibility

CATALOGS

Smart Tape Measure, One-Click to Measure

Quickly measure the circumference of the body

Tracking the trend of body changes

Digital Display on the big Screen

Accurate Measurements

Record the changes of your body
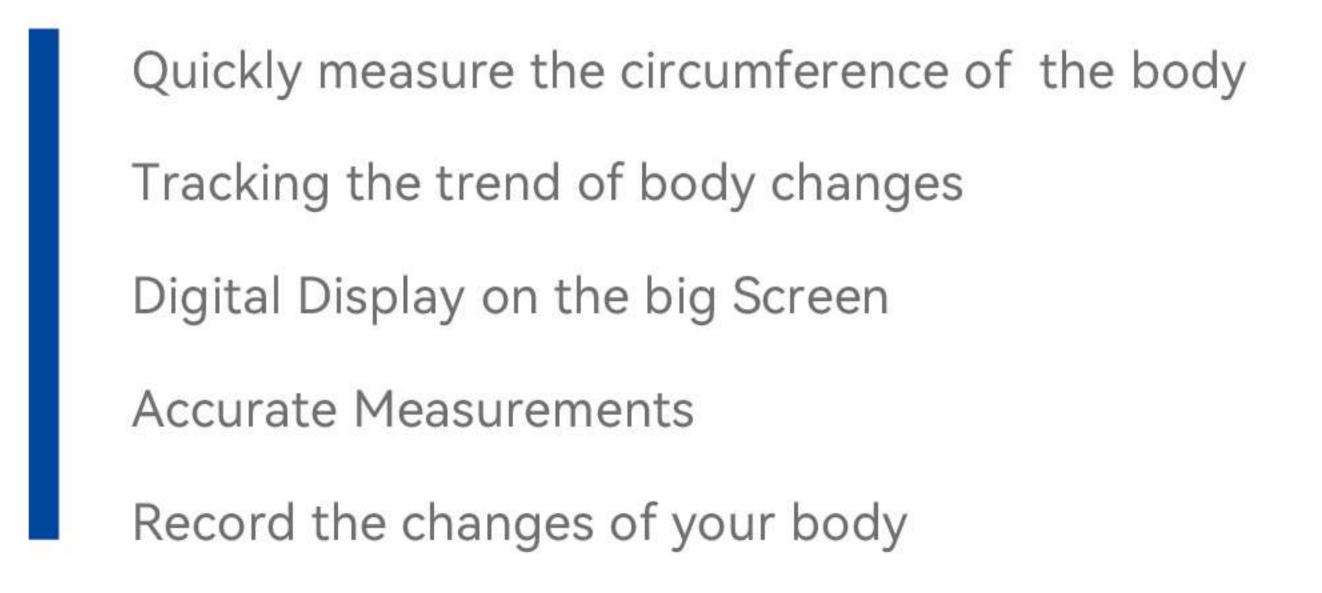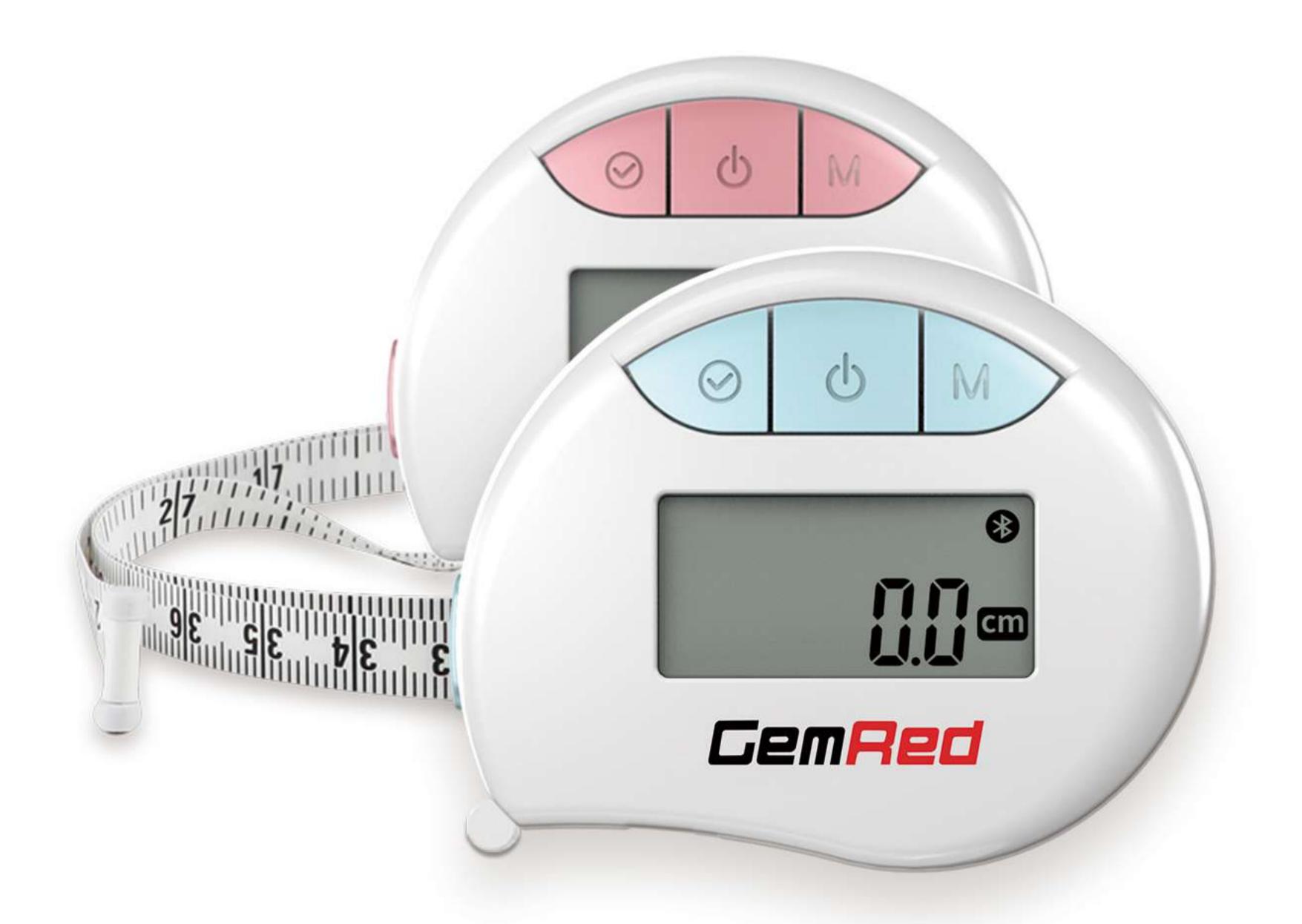
Order No. 84103-150
Technical parameters

Resolution	0.1cm
Accuracy	2‰
LxHxW (mm)	71x58x27
weight (g)	56
Measuring Range	1500mm
Battery	CR2032
Working temperature	0℃ ~ 40℃

Order No.HT-001
Technical parameters

Resolution	0.1cm
Accuracy	2‰
LxHxW (mm)	66x66x28
weight (g)	62
Measuring Range	1500mm
Battery	CR2032
Working temperature	0℃ ~ 40℃

Order No.HT-002
Technical parameters
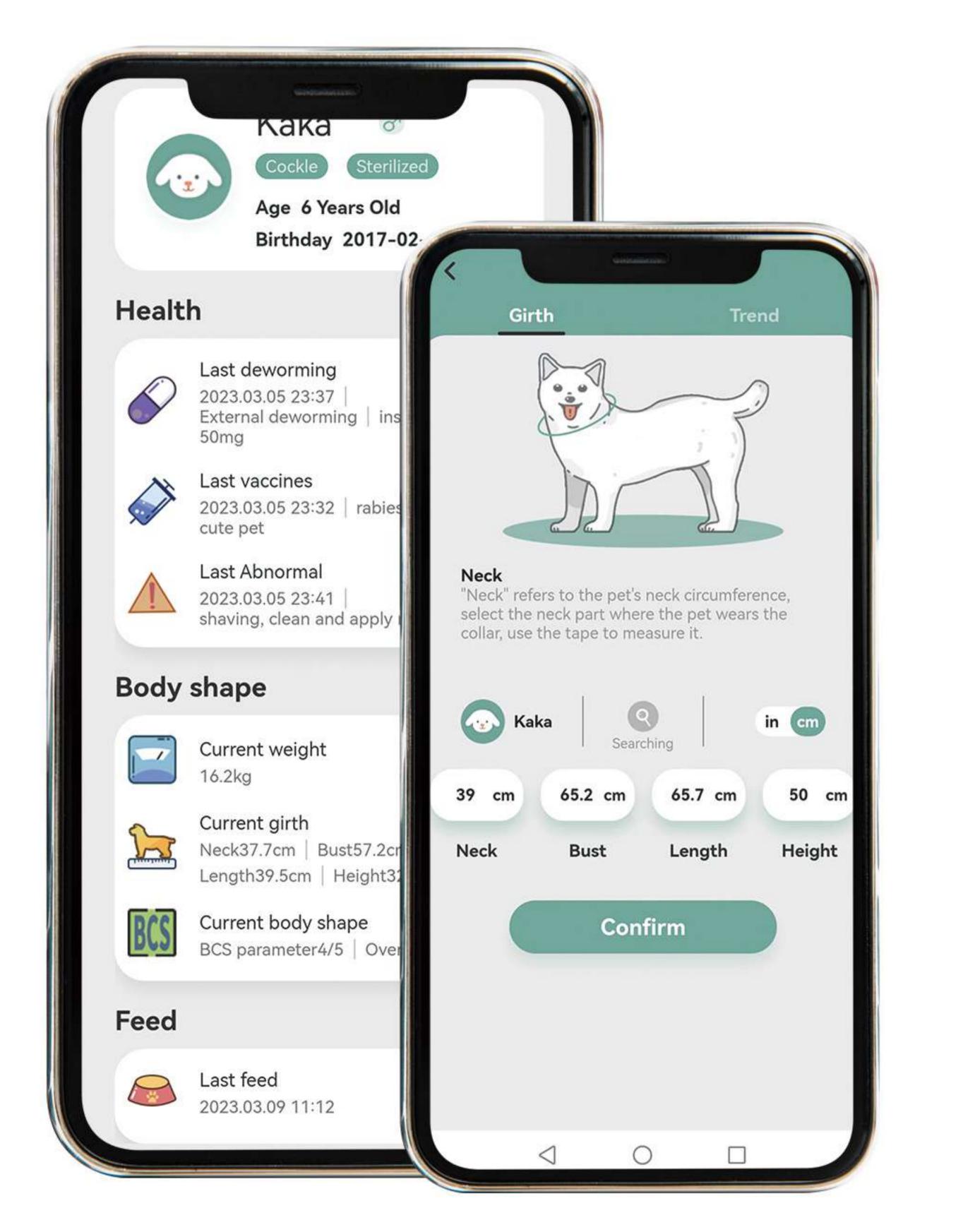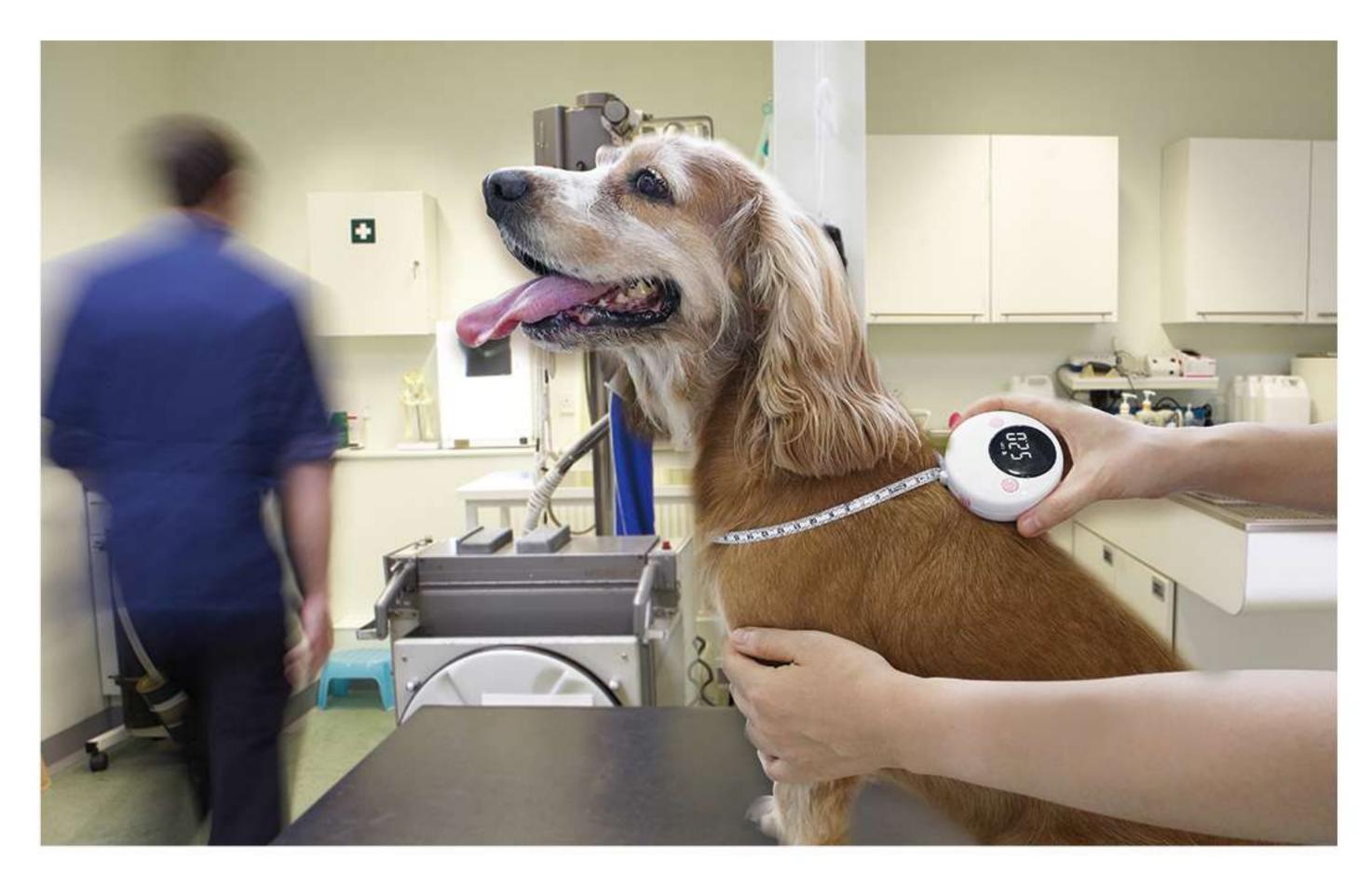
Resolution	0.1cm
Accuracy	2‰
LxH (mm)	71.5x28
weight (g)	67
Measuring Range	1500mm
Battery	150mAh
Charging Jack	TYPE-C
Working temperature	0℃ ~ 40℃

Smart Measure Tape for Pets, One-Click to Measure

Kaka
Cockle | Sterilized
Age 6 Years Old
Birthday 2017-02

Health
Last deworming
2023.03.05 23:37
External deworming | ins
50mg

Last vaccines
2023.03.05 23:32 | rabies
cute pet

Last Abnormal
2023.03.05 23:41
shaving, clean and apply

Body shape
Current weight
16.2kg

Current girth
Neck37.7cm | Bust57.2cm
Length39.5cm | Height33

Current body shape
BCS parameter4/5 | Ove

Feed
Last feed
2023.03.09 11:12

Girth / Trend

Neck
"Neck" refers to the pet's neck circumference, select the neck part where the pet wears the collar, use the tape to measure it.

Kaka | Searching | in cm

39 cm	65.2 cm	65.7 cm	50 cm
Neck	Bust	Length	Height

Confirm

BCS body condition scoring system for pet body assessment.

View data at any time.

Help in choosing pet supplies.

Data tracks. Check growth records, adjust your pet's nutrition in time.

■ Order No.PT-001

■ Technical parameters

Resolution	0.1cm
Accuracy	2‰
LxH（mm）	71.5*28
weight（g）	67
Measuring Range	1500mm
Battery	150mAh
Charging Jack	TYPE-C
Working temperature	0℃ ~ 40℃
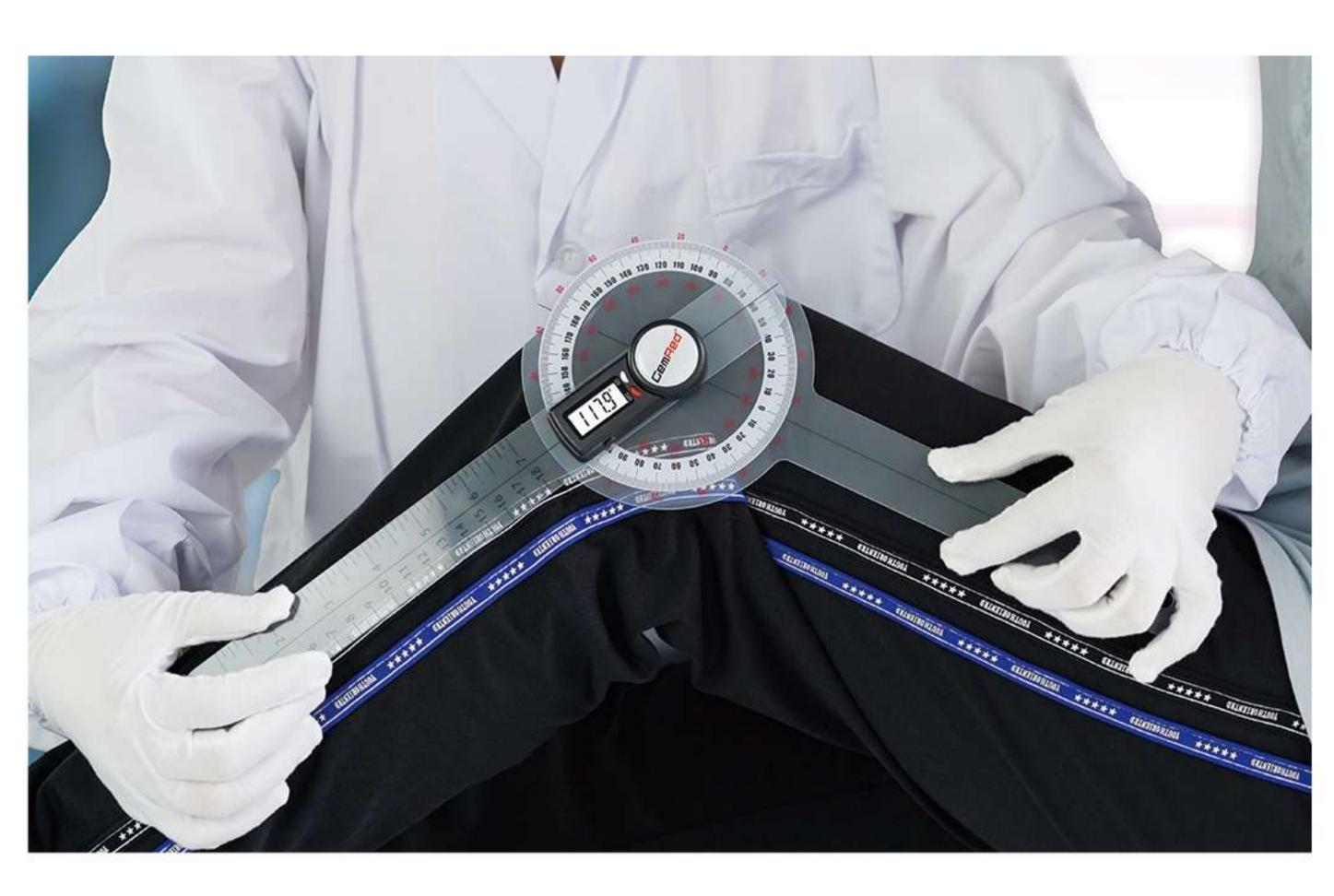
Medical Digital Goniometer , Smart Healthcare Detection

Order No.82311-200P

Technical parameters

Resolution	0.1°
Accuracy	0.5°
LxHxW（mm）	218x20x35
weight（g）	58
Measuring Range	000.0°~999.9°
Battery	CR2032
Working temperature	0℃ ~ 50℃
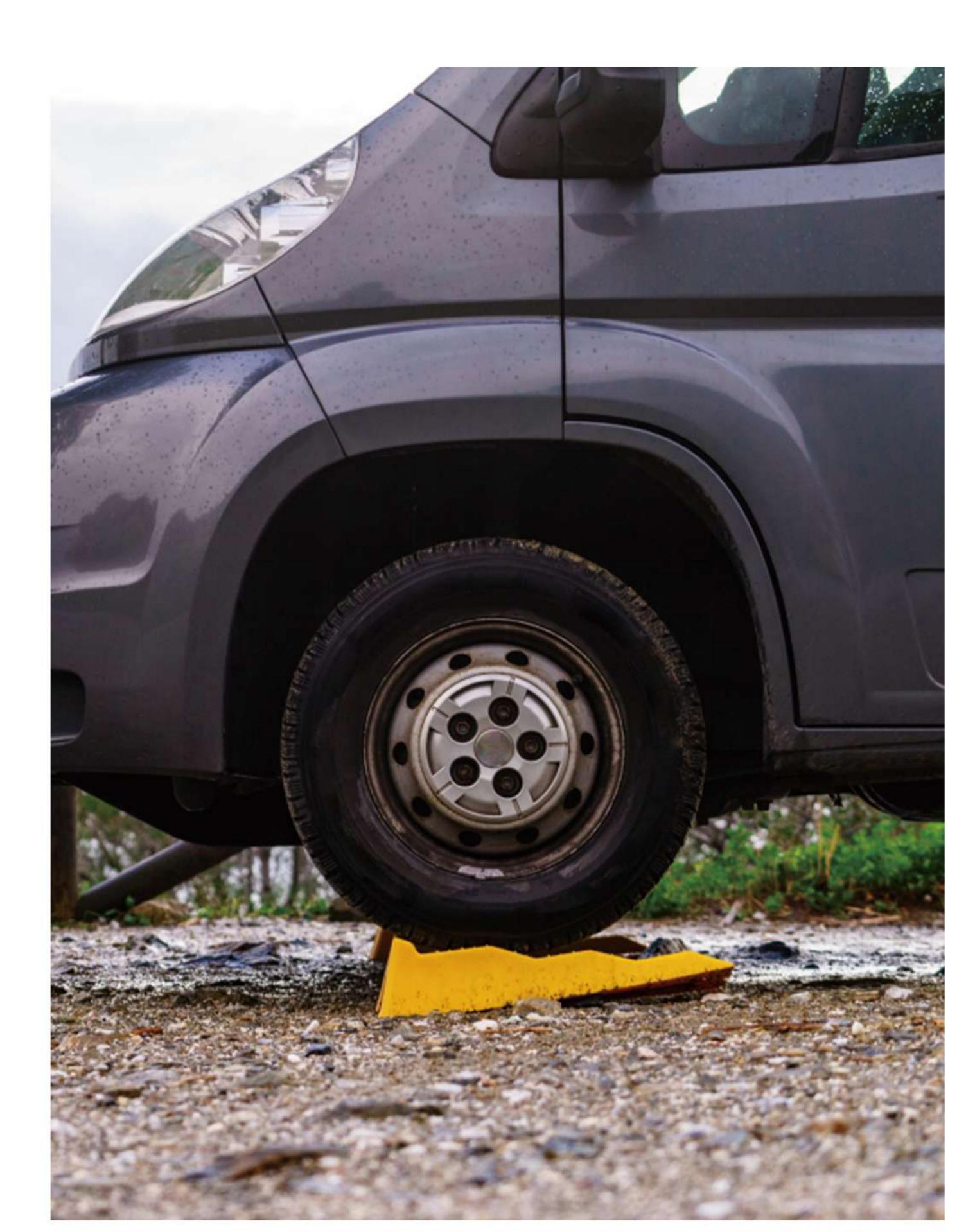
Order No.GR311-L

Technical parameters
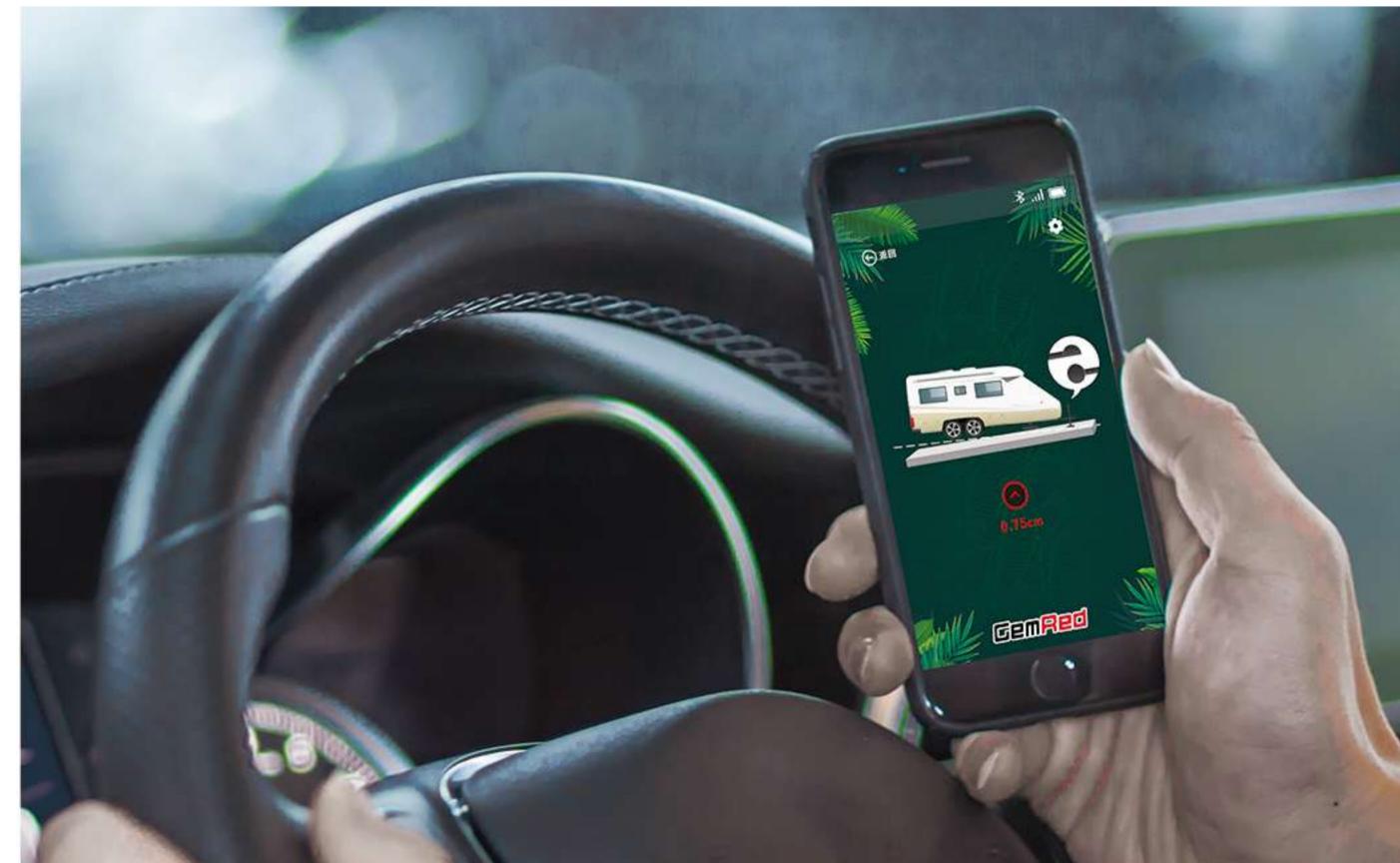
Resolution	0.1°
Accuracy	±1°
LxHxW（mm）	318×128×22
weight（g）	96
Measuring Range	0°~180°
Battery	CR2032
Working temperature	0℃ ~ 50℃

Big Screen Digital Display

High Measurement Stability

Durable Material

Wireless Connection

Injury Severity Assessment

Household Smart Leveling Instrument , RV Leveling

Apply special temperature compensation process, ensures the stability of the accurate measurement.

Real-time displays the degree of inclination in the two directions of the X-axis and Y-axis on the APP.

Support hardware wireless connection to the APP,which improves the efficiency of leveling.

The handheld APP digitally displays the slope value and guide the user to the direction of leveling.

■ Order No.L-RV002

■ Technical parameters

Resolution	0.1°
Accuracy	±0.2°
LxHxW（mm）	115×34.5×44.5
weight（g）	80g
Measuring Range	±10°
Battery	800mAh
Power	ER14250(3.0V~3.6V)
External power jack	TYPE-C
Working temperature	-10℃ ~ 50℃

Digital LevelBox , Furniture Leveling
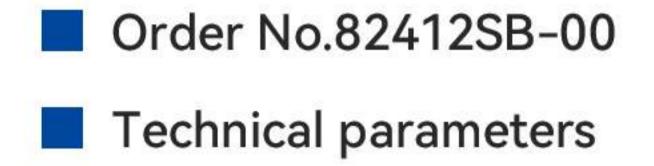
Wireless connection

APP management

Level adjustment guide

Furniture Leveling

House Decoration and Acceptance

■ Order No.82412SB-00

■ Technical parameters

Resolution	0.1°
Accuracy	±0.2°
LxHxW（mm）	60x60x28
weight（g）	72
Measuring Range	4x90°
Battery	AAA
Working temperature	0℃ ~ 50℃

■ Order No.82412BB-00

■ Technical parameters

Resolution	0.1°
Accuracy	±0.2°
LxHxW（mm）	60x60x28
weight（g）	72
Measuring Range	4x90°
Battery	AAA
Working temperature	0℃ ~ 50℃

Consumer E-Health Product Solutions

Track change of body shape

「Sports Bodybuilding Management」

「Children Growth Management」

「Smart Medical Detection」

Fast tracking the periodic changes of body shape.
Formulate a scientific exercise plan based on body weight, body fat, and dietary patterns.

Periodically record the development of children's height, head circumference, etc.
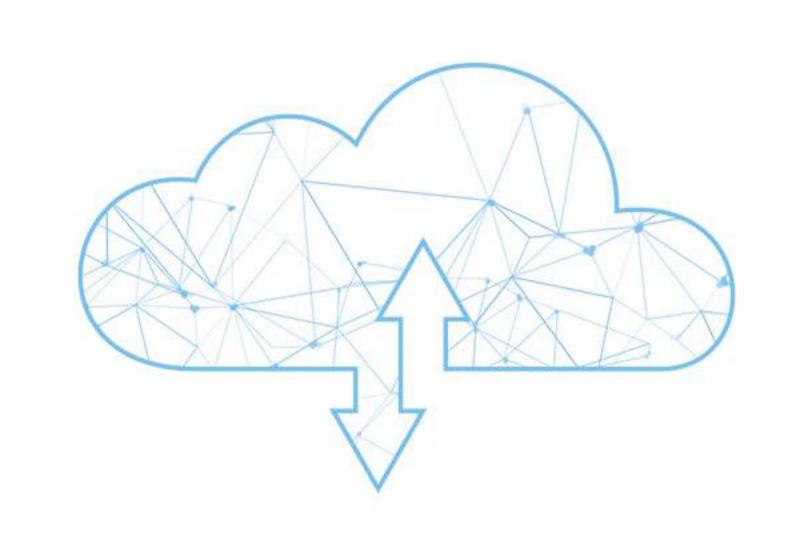Build-up your child's health profile on the APP.

Real-time digital display, accurate measurements and easy to operate.

Body circumference data collection
Joint angle of motion measurements

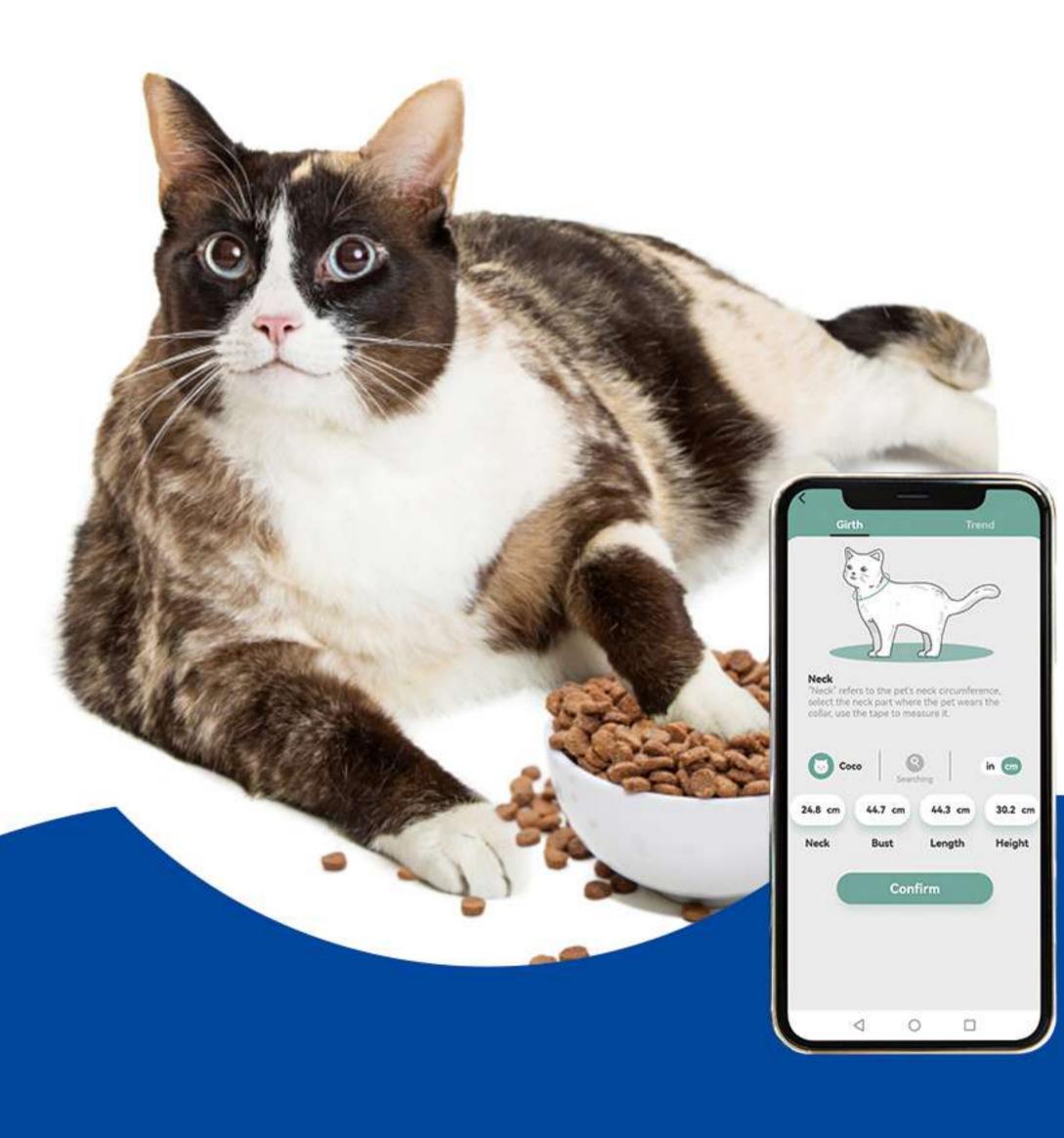# Upgraded Pet Health Management
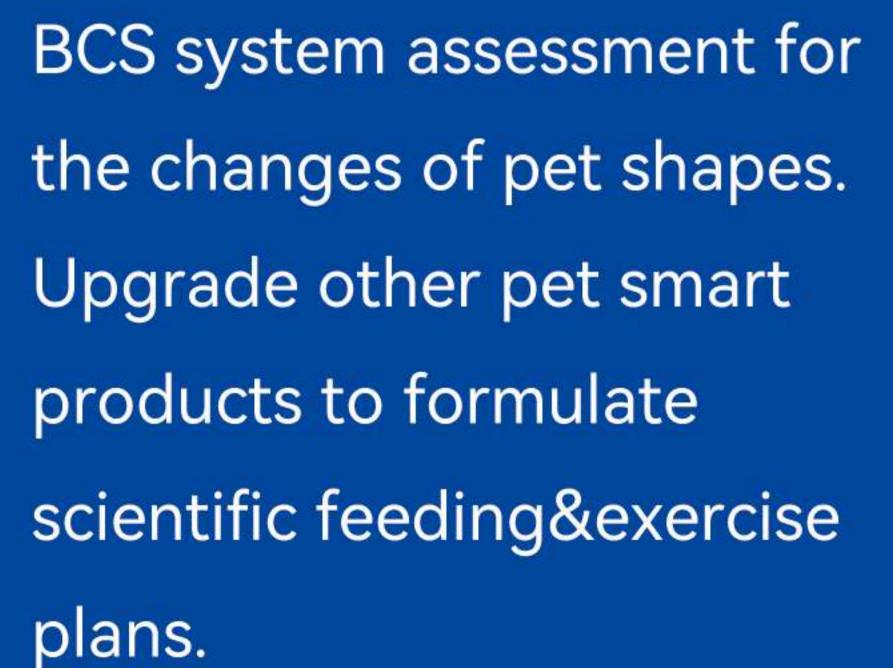
Available in Pet Field

『Pet Obesity Management』

『Pet Training Course Management』
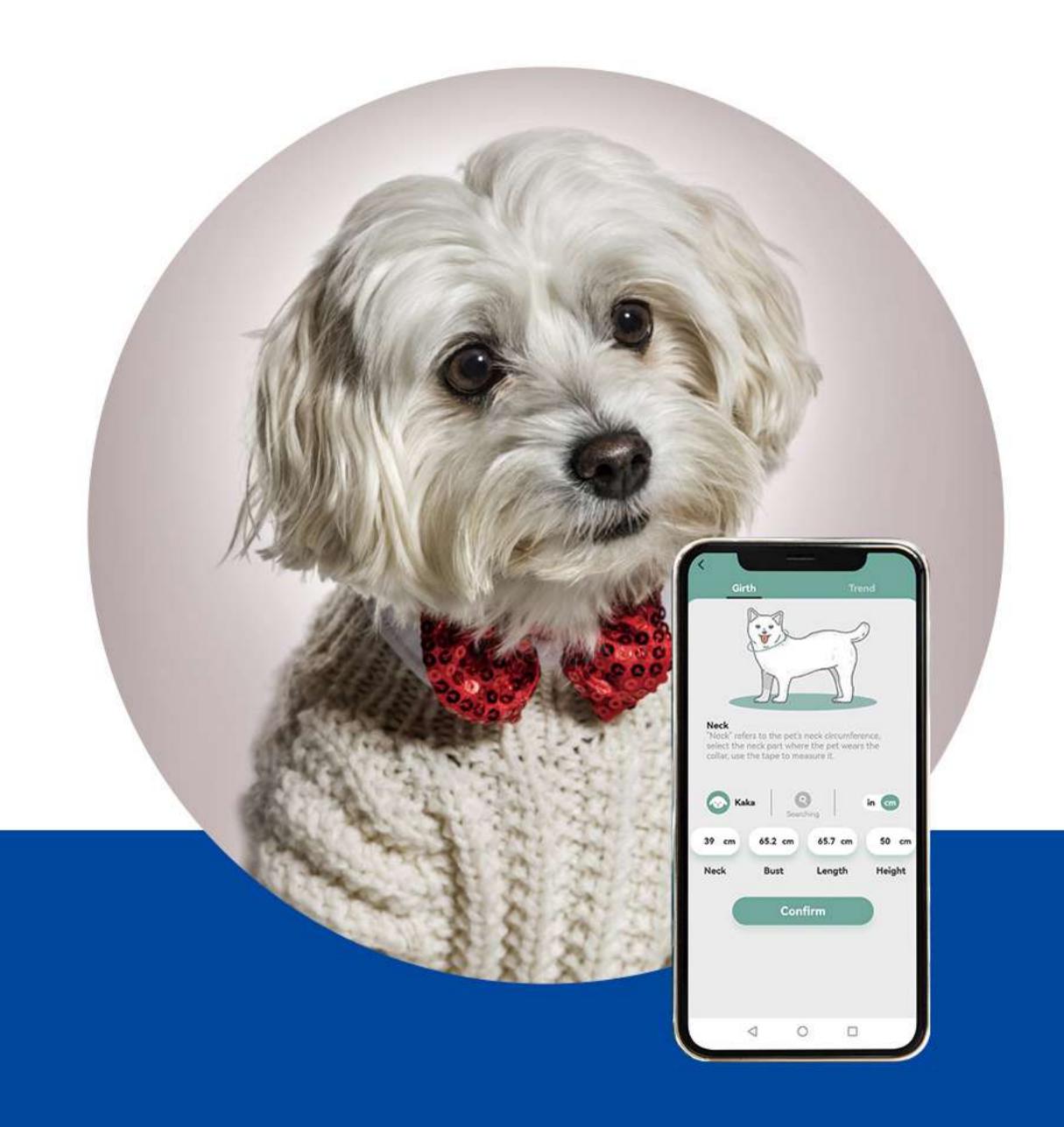
『Measurement of Pet Wearing Products.』

『Pet Medical Detection』

BCS system assessment for the changes of pet shapes. Upgrade other pet smart products to formulate scientific feeding&exercise plans.

Create personalized training programs for multiple pets. Seamless integration with useful data tracking, pet profiles, and workflow tools.

Accurately measure the pet's body circumference and length. Quickly choose the right size of pet clothing and other wearable, as well as pet daily necessities such as pet backpacks and pet shipping boxes, etc.

Data wireless transmission to the pet smart management system. It is convenient for pet hospitals and pet training institutions to collect pet growth records and carry out cloud management of pet health information.

Other Solutions

Data Management on the Cloud

「Smart Tailoring」

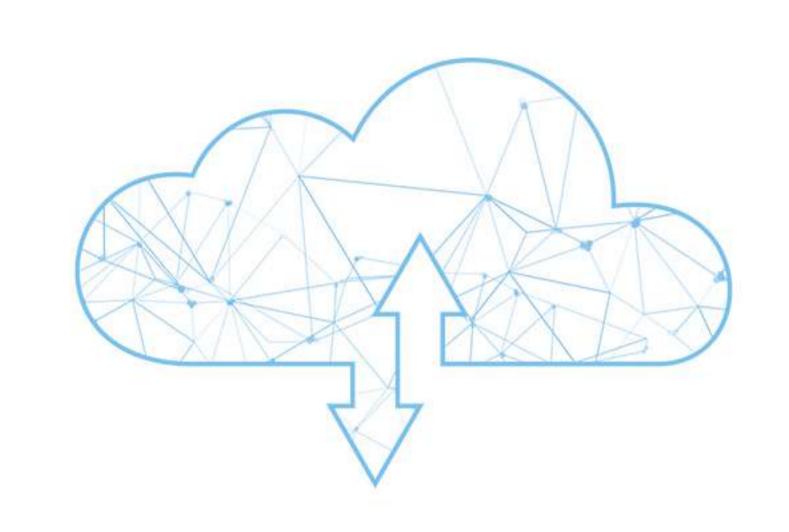「Agriculture and Forestry Breeding Management」

Efficiently collect the circumference and length measurement data of multiple users, and quickly transmit it to the garment factory for batch customization, avoiding errors caused by manual measurement.

Convenient for recording the growth of animals and plants. An e-form will be auto generated after the data is transmitted to the system, which is helpful to batch evaluation of the qualified rate of breeding.

Household Smart Leveling Solutions

Smart leveling instrument for equipment, a good helper at home

「RV Leveling」

「Furniture Leveling」

「Appliance Leveling」

The dual-axis Smart Leveling instrument is equipped with the APP, which easily realizes intelligent monitoring of the vehicle's level status. And it is suitable for driving leveling and parking leveling of cars, RVs, and large trucks etc., ensuring the stability of items in the vehicle and enhancing the user experience of RV/car traveling.

If the furniture is placed unevenly, it will easily cause the items to shake, make noise, or even slip, resulting in furniture damages. However, the dual-axis Smart Leveling instrument is a good monitor to help the users to level all kinds of furniture, as well as a good helper to protect the furniture.
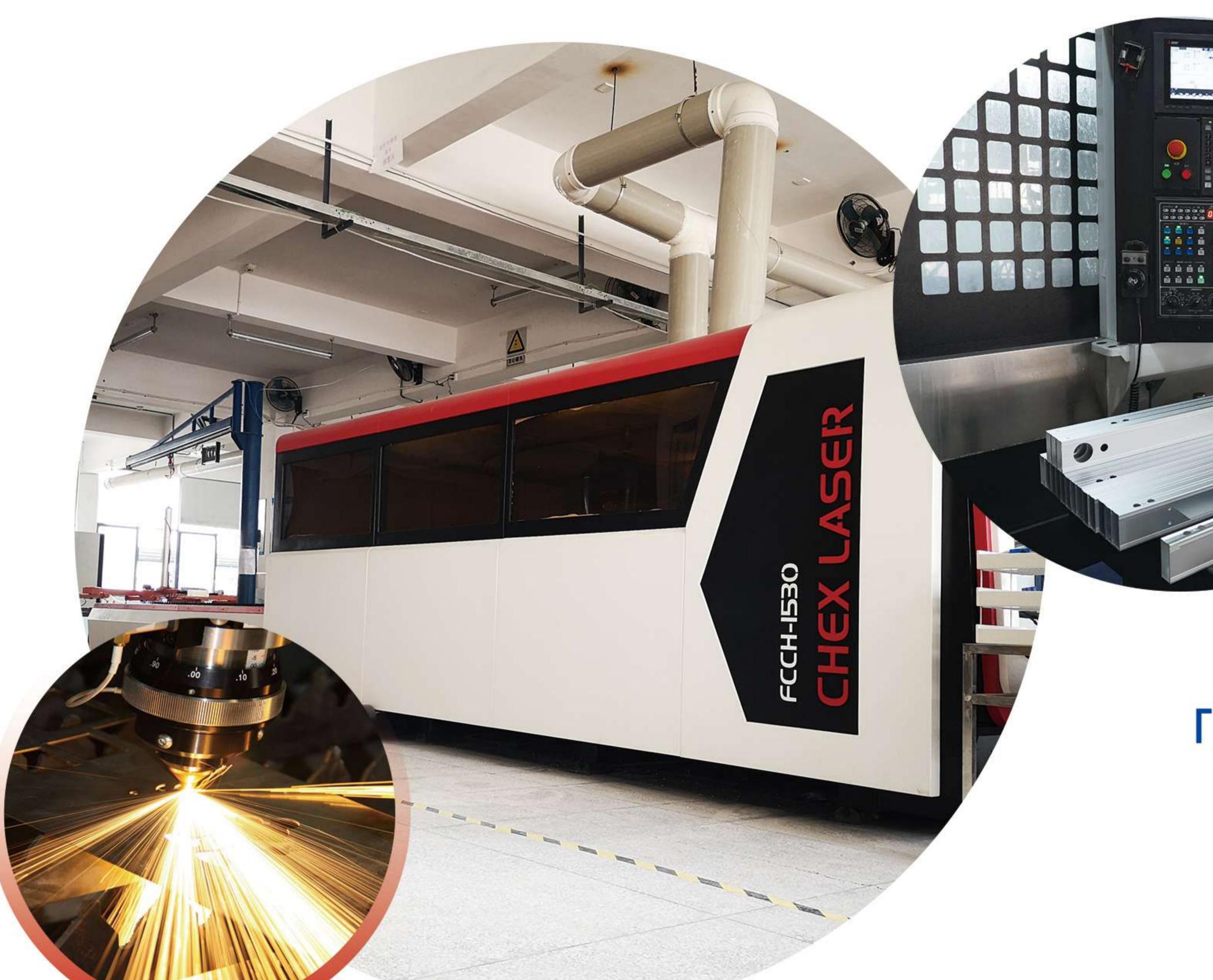
The placement of electrical appliances needs to be adjusted at the right levels, otherwise, it will affect the use of them. For example, the washing machine needs to be placed horizontally to keep it "quietly" running, and the refrigerator needs to raise the front feet to a certain angle to ensure the adsorption force of its door, in case falls down due to the uneven placement.
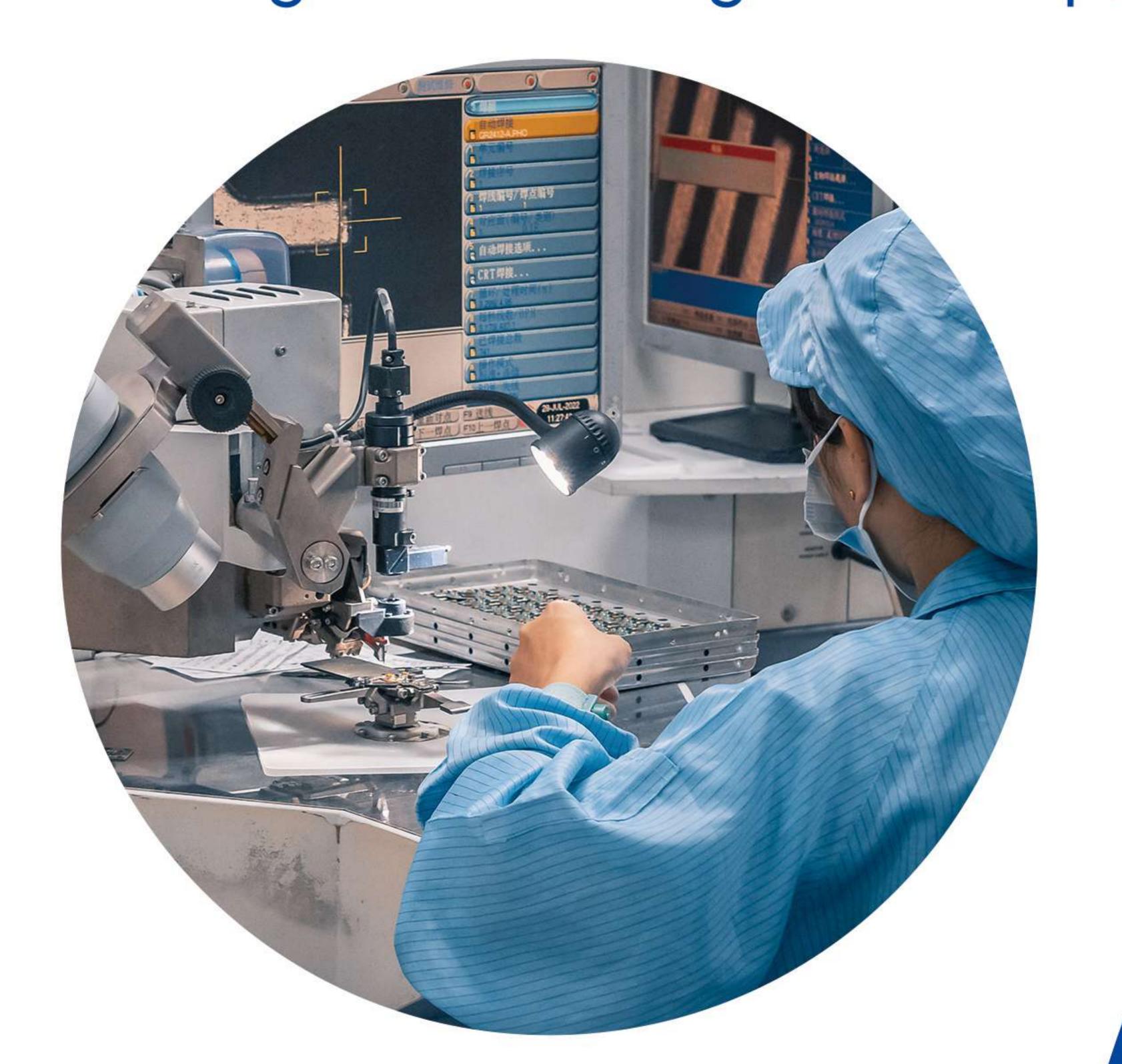
About Our Factory

GemRed owns an independent technology park, and the total area of the warehouse is about 6,600 m². GemRed insists on strictly controlling the production process, continuously upgrading product quality, and ensuring product with high stability.

「Product Assembly Workshop」

「Machining Workshop」

「Mounting and Bonding Workshop」

「Product Inspection Workshop」