



Smart Body Composition Analyzer Machine

SH-V19F



Smart Body Composition Analyzer Machine



01 Voice-guided operation, measuring 40+ health indicators at one time

02 BIA bioelectrical impedance + patented millimeter wave height sensor + high-precision weighing sensor

03 Data communication with interface to management systems in field of medical, beauty, and fitness.

04 Thermal printing, A4 printing, test result send to mobile

05 Optional blood pressure, body temperature, blood oxygen and other features

Customized Logo/Sticker

Design 01



Design 02



Design 03



19.0-inch
HD large screen



Handle easy to hold



Four electrode pads
under feet,
non-slip and durable



SH-V19F



Measurement items



Height/weight/BMI



Basal metabolism



Inorganic salts



Skeletal muscle



Health score



Body water



Protein



Body age



Body fat



Segmental
muscle

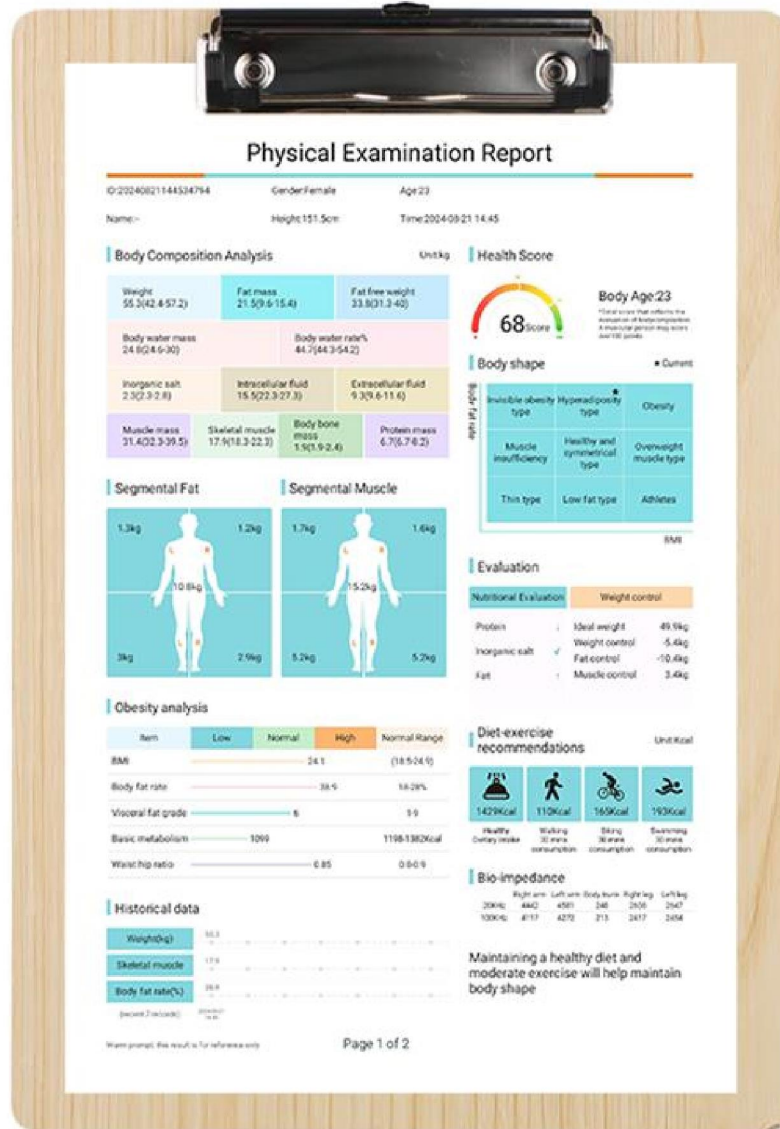


WHR



Exercise
recommendations

Report Output



① A4 Report

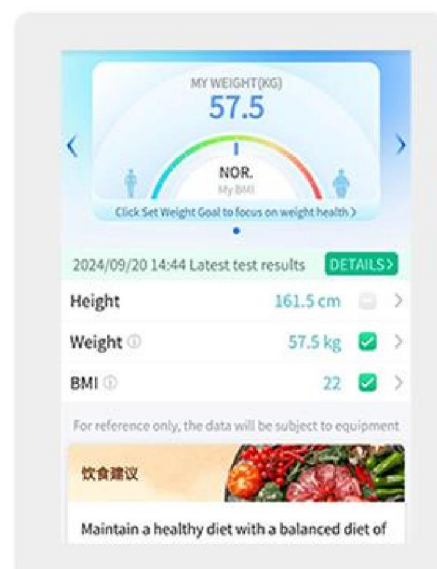
Date: 2024-08-15 09:08:48

Name: Lisa
 Age: 36 Gender: Female
 Body Age: 31
 Health Score: 74

*Height And Weight
 Height: 158cm
 Weight: 46.8kg
 BMI: 18.7
 Normal BMI range: 18.5-24.9
 Ideal weight: 54.3kg
 Weight control: 7.5kg

②

Thermal printing



③

Test result send to mobile

Data Communication

Identity recognition/Member login

Standard: Input

Optional: Face recognition/card swipe/code scan

Voice guidance

Height/weight/body composition

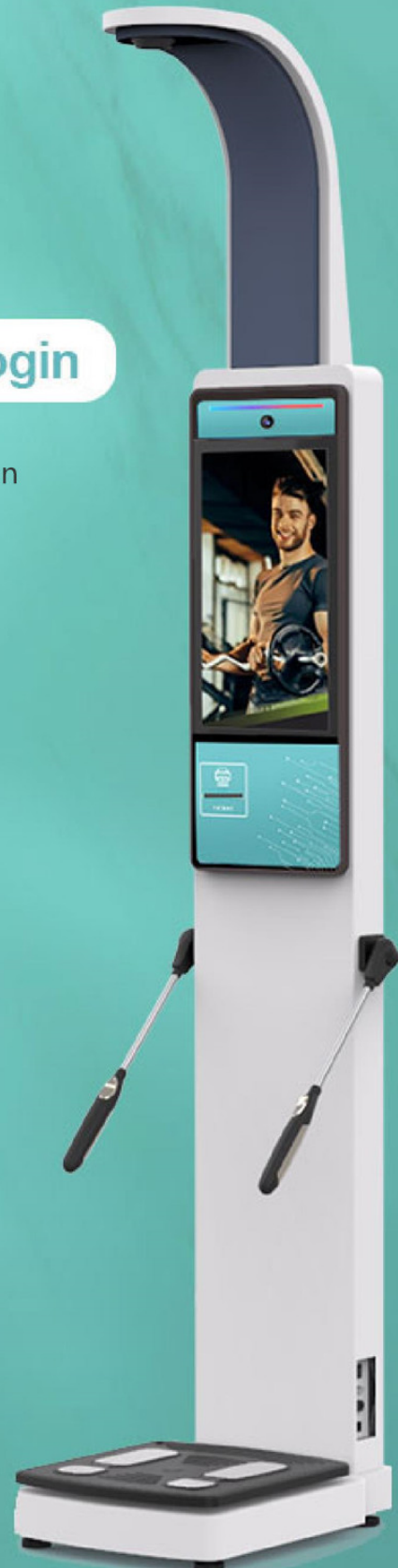
Report Output

Thermal printing/A4 Report/

Test result send to mobile

Data upload

- Fitness/Beauty Management System
- HIS/LIS Health Management System



Product Specifications

Intelligent Systems	Android 6.0 smart OS operating system; face recognition function (optional)
Screen	HD LCD 19-inch display touch system, play pictures and videos in standby mode
Height Measurement	Millimeter wave sensor, high frequency millimeter wave signal ranging Height Range: 20-210cm, accuracy: ± 0.5 cm, division value: 0.5cm or 0.1cm adjustable
Weight Measurement	Precision Balance Beam Resistive Strain Gauge Pressure Sensor Weighing Weight Range: 2.0-500kg, accuracy: ± 0.1 kg, division value: 0.1kg or 0.01kg adjustable
Fat Measurement	Multi-frequency bioelectrical impedance test 8-point contact electrode, multi-frequency bioelectrical impedance (BIA) Frequency: 20KHz, 100KHz Impedance measurement range: 10-2000 Ω Current: $\leq 420 \pm 20 \mu A$ Applicable Age: 6-99 years old Duration: ≤ 1 minute Segments: 5 parts (left arm, right arm, trunk, left leg, right leg)
Optional Expansion	Blood pressure , blood oximeter, temperature, IC/ID, ID card, barcode scanner, etc.
Data Transfer	Standard: RS232, WiFi; Optional: Bluetooth, 3G/4G, RJ45
Data Storage	More than 1 million data store and support USB flash drive export Can communicate with third-party health system data Compatible with hospitals, electronic medical records (EMR), HIS and other manage systems Support automatic members input, health screening, historical query, data statistical
Printing Output	Time, date, age, gender, body age, health score, weight, height, body mass index (BMI), body shape, ideal weight, weight control, healthy weight range; basic assessment: fat mass, body fat percentage, body water content, water percentage, skeletal muscle mass, muscle mass, muscle percentage, basal metabolism, waist-to-hip ratio, mineral content; human body composition: intracellular fluid, extracellular fluid, inorganic salt content, bone mass, protein mass, protein percentage, subcutaneous fat mass, subcutaneous fat percentage, lean body mass, body cell mass; segmental analysis: segmental fat mass, segmental muscle mass; obesity analysis: body shape determination, obesity degree, visceral fat level; fat-muscle control: fat control, muscle control; dietary advice, exercise
Health Report	Thermal printing, local report, test result send to mobile, A4 printing/email/cloud platform (optional)
Voltage	AC100V-240V/12V DC power
Dimension	55cm*42cm*235cm/L*W*H Packing size:178*49*22cm(20kg) 68*49*40cm(25kg)

Application



Fitness center



Clinic



Yoga studio



Nutrition center



Gymnasium



Rehabilitation medicine