# Product Specifications

| | |
|---|---|
| Intelligent Systems | Smart operating system；face recognition function |
| Height Measurement | Millimeter wave sensor, high frequency millimeter wave signal ranging |
| Height Range | 20-210cm, accuracy: ±0.5cm, 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: ±0.1kg, 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: 10-2000Ω |
| | Current: ≤420±20μA |
| | Applicable Age: 6-99 years old |
| | Duration: ≤1 minute |
| | Segments: 5 parts (left arm, right arm, trunk, left leg, right leg) |
| Login | Free, face recognition, input, card reader(optional), QR/BAR code scanner(optional) |
| Optional Expansion | Coin acceptor, bill acceptor, blood pressure, blood oximeter, temperature, IC/ID card reader, barcode scanner, etc. |
| Screen Display | HD LCD 10.2-inch display touch system, play pictures and videos in standby mode |
| 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 |
| | 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; 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; 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 fat mass, segmental muscle mass; body shape determination, obesity degree, visceral fat level; fat control, muscle control; exercise advice, header and footer. |
| Health Report View | 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) |

## Applications

| | | |
|---|---|---|
| Clinic | Fitness center | Nutrition center |
| Gymnasium | Yoga studio | Rehabilitation medicine |

ISO ISO13485

CE

OIML C S Certification system

# SH-V9F

## Smart Body Composition Analyzer Machine

KEEP TRACK ON YOUR HEALTH

Body Fat Analyzer

TICKET

# SH-V9F  Smart Body Composition Analyzer Machine

**Easy Operation**
Voice-guided operation, measuring 40+ health indicators at one time.

**Professional Technology**
BIA bioelectrical impedance + patented millimeter wave height sensor + high-precision weighing sensor.
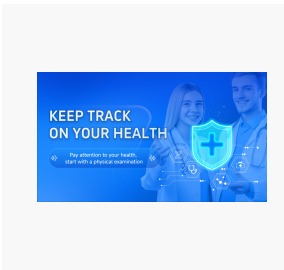
**Data Communication**
Data communication with interface to management systems in field of medical, beauty, gym and fitness.

**Results View**
Thermal printing, A4 printing, test result send to mobile, cloud platform(optional)

**Expanded Options**
Optional blood pressure, body temperature, blood oxygen and other features.

**HD LCD Display**
10.2 inch

**4 Electrodes on Handle**
easy to hold

**4 Electrodes under Feet**
non-slip and durable

## 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 Manage System

HIS/LIS Health Manage System

**Recommendation**
Diet /exercise advice

## Measurement Items

| | | | | | |
|---|---|---|---|---|---|
| Height/weight/BMI | Basal metabolism | Inorganic salts | Skeletal muscle | Body age | Health score |
| Body water | Protein | Body fat | Segmental muscle | WHR | Exercise advice |

## Two Models   Customized Logo / Sticker

**SH-V9F**
**10.2 inch HD LCD screen**
Optional payment method: coin, bill, card, QR code scan

**SH-V19F**
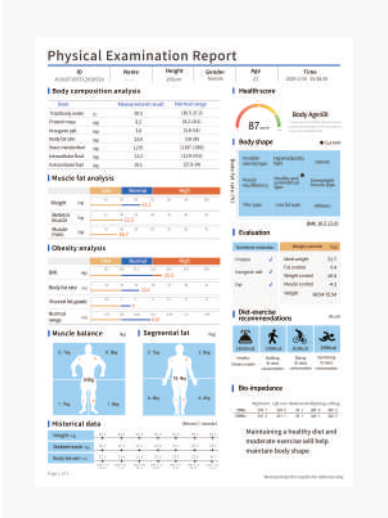**19 inch HD LCD screen**
Support video/photo advertising

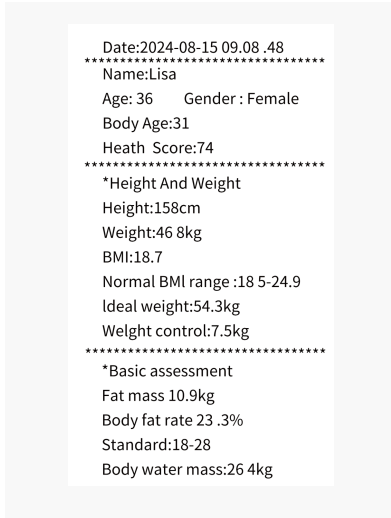## Report Output

**A4 Report**

**Thermal Printing**

Date:2024-08-15 09.08 .48
Name:Lisa
Age: 36     Gender : Female
Body Age:31
Heath  Score:74

*Height And Weight
Height:158cm
Weight:46 8kg
BMI:18.7
Normal BMI range :18 5-24.9
Ideal weight:54.3kg
Welght control:7.5kg

*Basic assessment
Fat mass 10.9kg
Body fat rate 23 .3%
Standard:18-28
Body water mass:26 4kg

**Test Result Send to Mobile**