Livafit 880 Intelligent Physical Assessment Instrument

- 21-Item Body Composition Analysis
- 8-Item Posture Risk Assessment
- 14-Item Body Circumference Auto-Evaluation
- Mobile/Print/PC Report presentation
- Permafree History Data Cloud Storage

* 360-degree automatic rotation comprehensive evaluation

Tech Mirror Screen, Fashionable and Free-Spirited Style, Pursuing the Perfect Fusion of Technology and Fashion

Seven Cutting-Edge Exterior Designs

High-definition LCD touchscreen

Imported smart sensor chips

3D Dynamic Capture Module

Integrated Industrial Aesthetic Design Handle

High-quality tempered glass base

360° Automatic

21 item Body Composition Analysis Data

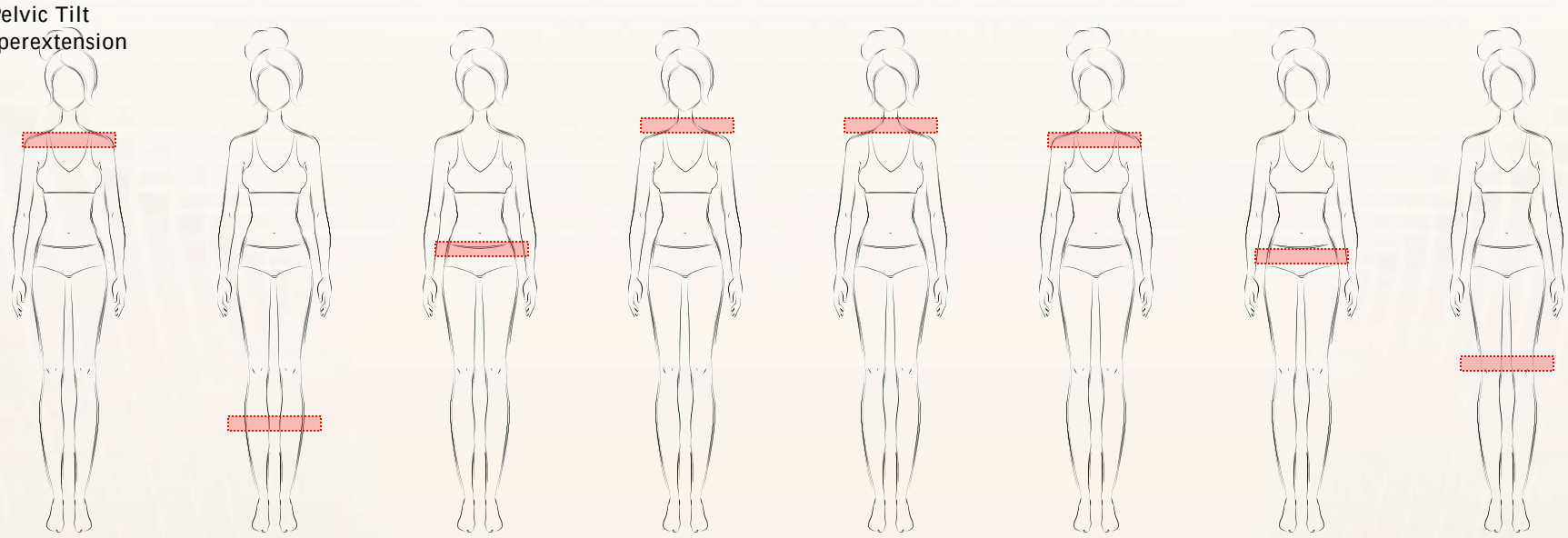
Optimized human impedance model, proprietary algorithm for simulation regression using massive Asian sample databases. Establishing the authority in Asian body composition analysis.

8 item Posture Risk Assessment

Postural Analysis:

Uneven Shoulder Height
X/O-Legs
Anterior Pelvic Tilt
Cervical Spine Flexion
Cervical Spine Lateral Deviation
Rounded Shoulders
Lateral Pelvic Tilt
Knee Hyperextension

3D Dynamic HD Capture Module, Real-time Keypoint Tracking
Accurately Outlines Body Shape and Posture
Historical Motion Patterns at a Glance



Uneven Shoulder Height | X/O-Legs | Anterior Pelvic Tilt | Cervical Spine Flexion | Cervical Spine Lateral Deviation | Rounded Shoulders | Lateral Pelvic Tilt | Knee Hyperextension

14 item Body Measurement Auto-Assessment

Using AI-powered 3D human body reconstruction technology, non-contact body measurements can instantly capture all key body measurements.

Digital Smart Connectivity

01 Multi-device Synchronization

Mobile/Print/PC Report presentation

03 Open and Shared, Seamless Integration

Open API Data Interface

Seamless Integration with SAAS Platforms

02 Cloud Storage, safe data

Member Data Automatically Syncs to the Cloud

Unlimited Storage
permanently Free

04 Online Upgrades Continuous Evolution

System Supports Remote control
Online Upgrades Continuous Evolution

Worry-Free After-Sales Service

One-year warranty, lifetime service

Professional worry-free after-sales service

Permanently Free

System Online Upgrade
Data Storage Service

Simple Installation

One-on-one training and installation guidance

Core Parameters

Power Supply Voltage	Input Voltage: AC 220V, 50/60Hz Output Voltage: DC 12V, 5A
Transmission Ports	USB 3.0 / Bluetooth / Wired / Wireless
Height input range	100—200 cm Test weight range: 0—250 kg
Storage Environment	Temperature –20 to 70˚C; Humidity must not exceed 95%
Operating Environment	Requires internet connection Temperature: 10—40˚C Humidity: 30—75% *Do not place the device near windows, avoid direct sunlight *Do not expose the device screen to direct bright light *Do not strike the device forcefully
Test Data	Weight, BMI, Body Fat Percentage, Skeletal Muscle Mass, Inorganic Salts, Subcutaneous Fat, Visceral Fat, Protein, Body Water, Total Body Fat, Segment Fat, Segment Muscle, Body Age, Body Shape Assessment, Basal Metabolic Rate, Ideal Weight, Weight Management Recommendations, Posture Risk Assessment, Uneven Shoulder Height, Cervical Lateral Tilt, Cervical Anterior Tilt, Round Shoulders, X/O-Legs, Pelvic Tilt Forward, Pelvic Tilt Sideways, Knee Hyperextension, Head-to-Body Ratio, Shoulder Width, Arm Span, Left Upper Arm Circumference, Right Upper Arm Circumference, Chest Circumference, Waist Circumference, Hip Circumference, Left Thigh Circumference, Right Thigh Circumference, Upper Body Length, Lower Body Length, Thigh Length, Calf Length

Equipment Parameters

Measurement Method	8-point contact electrodes, multi-band bioelectrical impedance analysis technology
Supported Networks	Wired/wireless compatible
Measurement Frequencies	5, 20, 50, 100, 250 kHz
Measuring current	Within 280μA
Power consumption	60W
Report printing	Specific HP printer models
Device dimensions	1650mm(H) *700mm (W) *2000mm (L)
Equipment Weight	65kg
Packaging Dimensions	Main Unit: 1800mm (L) × 190mm (W) × 585mm (H) Base: 945mm (L) × 190mm (W) × 525mm (H) Turntable: 700mm (L)* 700mm (W) *135mm(H)
Screen Type	1920×1080 IPS HD Capacitive Touchscreen

Company Profile

Livafit Technology, established in 2019, leads the new trend of intelligent physical assessment in the health sector.

We are committed to providing comprehensive professional smart physical assessment instrument hardware and software, development, implementation, production, pre-sales, and after-sales services through technology.

Currently, leveraging big data, cloud computing, internet, and IoT technologies, the company has established a health assessment big data repository and algorithm model library covering millions of Asian individuals.

Its intelligent fitness assessment instrument software and hardware solutions meet the diverse needs of fitness centers, yoga/Pilates studios, children's fitness programs, schools, beauty, medical, military/police, government, and corporate sectors.

We deliver comprehensive health monitoring and data services including body composition analysis, physical fitness assessment, body shape evaluation, and body circumference measurement.

Our mission is to advance national health management standards and improve public wellness.

“More comprehensive assessments, more diverse data, higher precision”—Livafit Technology redefines how machines understand human health through intelligent body composition analyzers. Our products empower institutions to efficiently uncover clients' genuine needs in real time, enabling global digital health solutions.

Building a Healthier Future Together
Where technology meets wellness

innovation shapes tomorrow

With roots in China and a globa vision

Liwang invites you to partner with us advancing human health and performance.