ANOVATOR

Product Features

Height & Weight	Exercise Safety Assessment
Cardiopulmonary Function Assessment	Shoulder Range of Motion (ROM)
Agility & Reaction Evaluation	Balance Ability Assessment
Visual Acuity Assessment	1-Minute Jump Rope Test

FDA Certification · CCIC · ISO9001 · EU RoHS Certification

CE Certification · CTI Certification · SGS Certification · Class II Medical Devices

A professional, multi-dimensional assessment system designed for individuals aged **3 to 99.**
ANOVATOR A5, All-in-One Body Composition & Functional Assessment System
- Understand the Body
- Measure Performance
- Track Progress

Body Composition • Posture • Functional Capacity
A comprehensive solution for all age groups.

Customizable all-in-one medical assessment solution for streamlined workflows and improved clinical efficiency.

Technical Excellence & Compliance
Precision Meets Privacy

• 8-Electrode Multi-Frequency BIA
Utilizing 20kHz, 100kHz, and 250kHz frequencies for 5-segmental analysis (left/right arms, legs, and trunk).

• 3D Vision & AI Skeletal Mapping
Non-invasive, "clothes-on" posture scanning. Identify Scoliosis risks, Kyphosis, and pelvic tilts with millimeter accuracy.

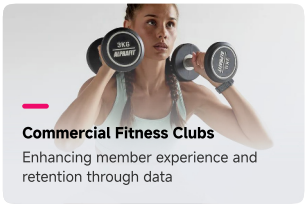
• GDPR & Data Security
Non-invasive, "clothes-on" posture scanning. Identify Scoliosis risks, Kyphosis, and pelvic tilts with millimeter accuracy.

• Ecosystem Integration
Open API architecture for seamless integration with Gym Management Software or Hospital Information Systems (HIS).

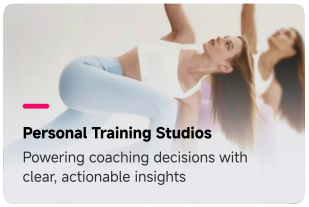
Application scenario

Hospitals & Medical Centers
Turning data into long-term health management

Schools & Youth Programs
Supporting growth, development, and physical education

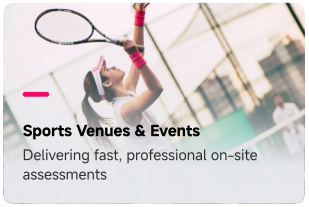


Commercial Fitness Clubs
Enhancing member experience and retention through data



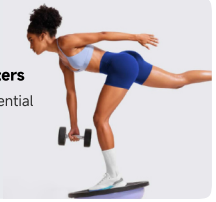
Personal Training Studios
Powering coaching decisions with clear, actionable insights

Clinics for Nutritional Monitoring & Follow-up
Tracking body changes and supporting personalized plans

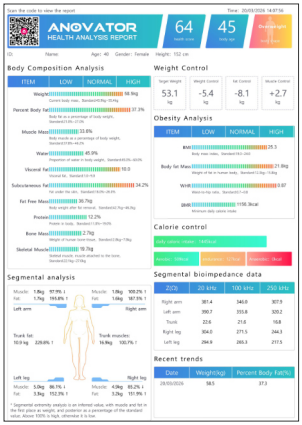


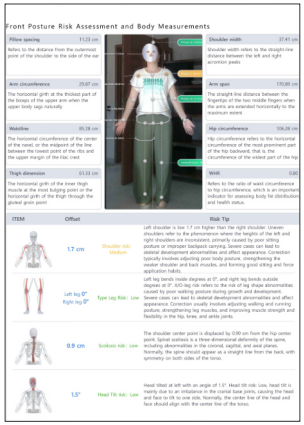
Sports Venues & Events
Delivering fast, professional on-site assessments

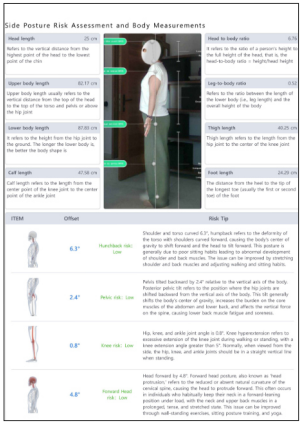
Strength & Conditioning / Functional Training Centers
Identifying strengths, weaknesses, and performance potential

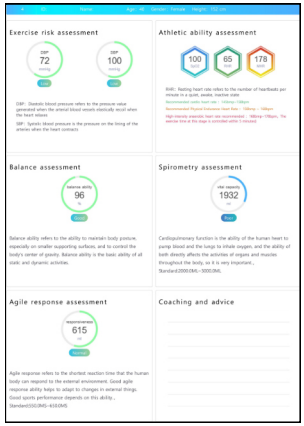


Report Interpretation









32
medical-grade body composition parameters

24
body metrics & posture analysis indicators

16
AI-driven personalized health insights

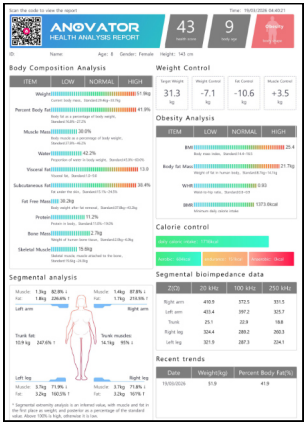
8-Electrode Multi-Frequency BIA | Full-Body & Segmental Analysis Delivers precise data for five body segments. Evaluate fat loss quality, identify muscle imbalances, and optimize training protocols with clinical accuracy.

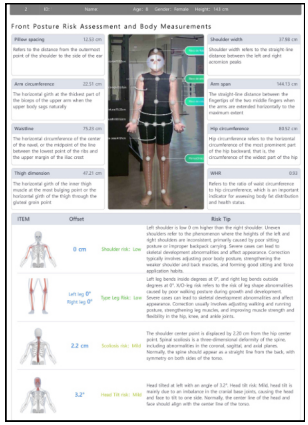
The Posture & Dimension Expert | AI Skeletal Mapping Non-invasive, "clothes-on" detection of postural risks (Head, Neck, Shoulders, Back, Hips, Legs). Automatically captures millimeter-accurate dimensions to visualize body transformation.

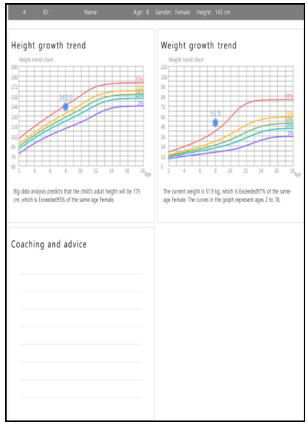
Risk Mitigation | Safety-First Training Integrated screening for **Heart Rate, Blood Pressure, SpO2, and Lung Capacity**. Identify physiological limits before high-intensity workouts to ensure user safety and minimize facility liability.

Data Visualization | Seamless Communication Clear, evidence-based reports that translate complex data into actionable insights. Fully traceable historical data simplifies professional consulting and enhances user engagement.

Report Interpretation







1. Growth Forecasting & Benchmarking
Pediatric Developmental Tracking Powered by a database of 600,000+ pediatric cases, the system provides dynamic percentile curve benchmarking and precise adult height prediction based on age- and gender-specific growth trends.

2. Pediatric-Specific BIA Algorithm
Precision Body Composition for Children An exclusive algorithm tailored for developing tissues. It eliminates adult-model errors by compensating for high cellular water content and directly monitors bone mineral (calcium) levels in a safe, engaging environment.

3. Sensory Integration & Motor Skills
Vestibular & Agility Evaluation Utilizes high-precision sensors to assess vestibular function and core stability. Features gamified agility tests to objectively quantify the progress of Sensory Integration (SI) training.

4. Advanced Postural & Skeletal Screening
AI-Driven Morphological Analysis Combines dual-lens imaging with Cobb angle calculation and AI skeletal mapping. Automatically detects Scoliosis risks and leg alignment (O/X-shape) by analyzing inter-knee/inter-ankle ratios and resistance variances.