

Healthcare Solutions You Can Trust



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Multi-Frequency Analysis Technology

i30 provides accurate analysis of body composition through multi-frequency measurement. The measurement is made through bioelectrical impedance analysis (BIA), assessing the electrical resistance of cell membranes

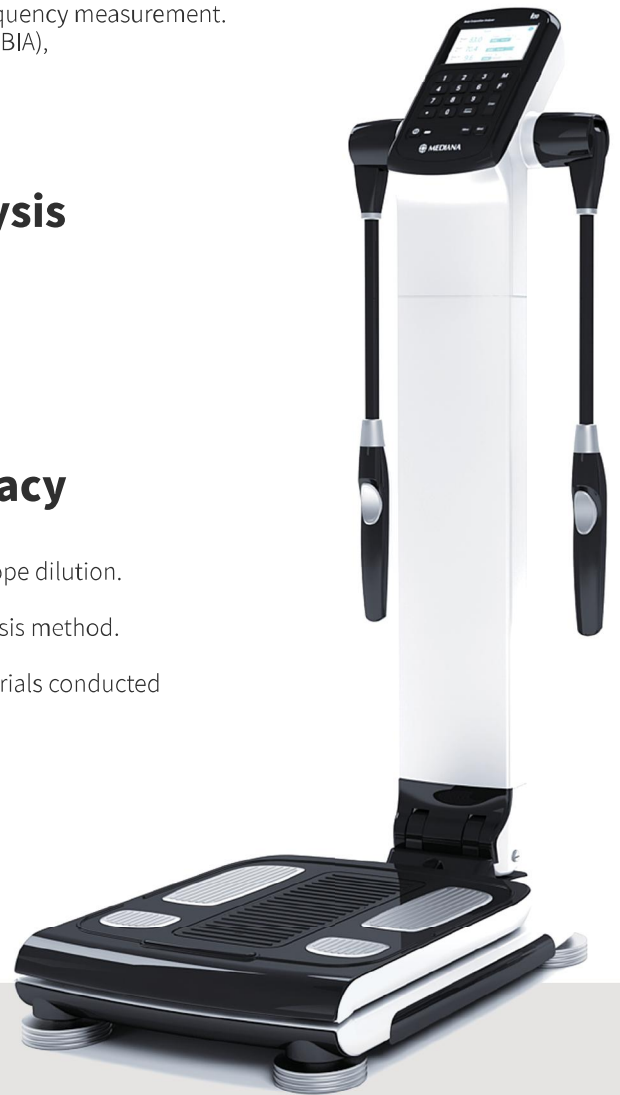
Segmental body composition analysis

Tetra-polar 8 point tactile electrodes system gives accurate measure of segmental body fat and muscle mass.

Advanced body composition analysis algorithm with high accuracy

i30 uses the optimal algorithm developed by utilizing various body composition measurement methods such as DEXA, CT, and isotope dilution. It has a very high correlation coefficient with DEXA equipment, which is considered the Gold Standard in the body composition analysis method.

Also, the reliability of the algorithm has been proven through clinical trials conducted by specialized institutions for a wide range of ages from 5 years old to 78 years old. ($R^2=0.984$)



Application Area





Key Features

Blind Mode

User can hide fat and weight information from the display by simply pressing a “Blind” button on the key pad. It can be turned on/off instantly during measurement and will be written at the result paper all the time

Ergonomic Design for Comfortable Measuring Posture

The wide rotating radius of the handle and the hand electrode, which can be rotated to suit user’s posture, helps to test comfortably and accurately.

Easy operation via touch screen

Convenient operation via keypad and touch screen control

Simple Interface

Built-in display gives the analysis of the body composition more clearly and thoroughly

Convenient Patient Data Management

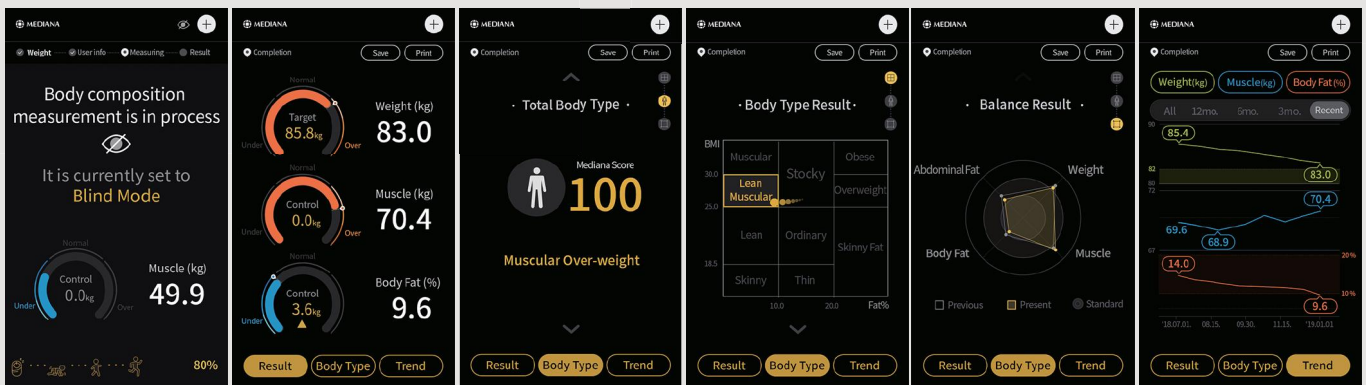
Personalized information management is possible using the dedicated PC software

Age-specific Analysis

Provide adult and children analysis result sheet

Compact Foldable Design

Lightweight and foldable design for easy storage.



Blind Mode

Muscle & Fat Analysis

MEDIANA Score

Body Type Table

Body Type Graph

History



i30

Professional Body Composition Analyzer

Hardware Specification

Measurement Frequency : 5, 50, 100kHz

Power : Input - AC 100~240V, 50~60Hz, 1.5A / Output - DC 12V, 5A

Input interface : Keypad, Touch screen, Barcode reader (Optional)

External interface : RS232 (9pin serial cable) 1EA, USB host 2EA, Mini-USB B 1EA, Bluetooth (Optional), Wi-Fi (Optional)

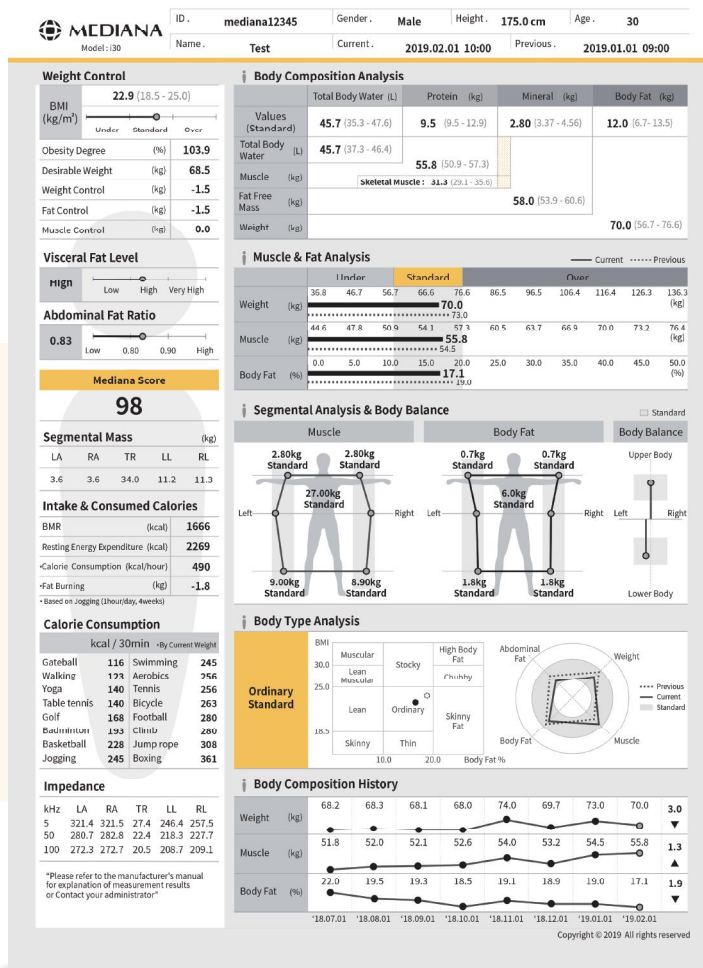
Display : 7 inch (600 x 1024), Color Touch LCD

Dimension & Weight : 360mm(W) x 559mm(D) x 1077mm(H), Appx. 17.5kg

Measurement Time : About 30 sec.

Operating Environment : Temp. 10°C~40°C, Humidity 30%~75%, Air pressure 70~101.3kh

Storage Environment : Temp. -10°C~60°C, Humidity 10%~80%, Air pressure 50~101.3kh



Result Sheet General

Children Result Sheet is supported as a default option.

Personal Information

ID, Gender, Height, Age, Measurement date and time (Previous/Current)

Weight Control Guide

BMI, Obesity degree, Desirable Weight, Weight Control, Body Fat Control, Muscle Control

Visceral Fat Analysis

Visceral Fat Level, Abdominal Fat Ratio

MEDIANA Score

Health score based on own algorithm

Segmental Mass

Weight of each segment

Intake & Consumed Calories

BMR, Total Energy Expenditure, Calorie Consumption, Expected Fat Burning, Personal Calorie Consumption per Exercise

Impedance

Segmental Impedance Values

Body Composition Analysis

Total Body Water, Protein, Mineral, Body Fat, Muscle Mass, Fat Free Mass, Weight

Muscle & Body Fat Analysis

Weight, Muscle Mass, Body Fat Percentage (Previous/Current)

Segmental Analysis & Body Balance

Segmental Muscle Assessment, Segmental Body Fat Assessment, Body Balance Assessment (Muscle Only)

Body Type Analysis

Body Type Table, Body Type Graph

Body Composition History

Previous measurement history up to 8 measurements

i20

Basic Body Composition Analyzer



Hardware Specification

Measurement Frequency : 10, 100kHz

Power : Input - AC 100~240V, 50~60Hz, 1.5A / Output - DC 12V, 5A

Input interface : Keypad, Touch screen

External interface : RS232 (9pin serial cable) 1EA, USB host 2EA, Mini-USB B 1EA

Display : 4.3 inch (480 x 272), Color Touch LCD

Dimension : 360mm(W) x 559mm(D) x 992mm(H)

Weight : Appx. 17kg

Measurement Time : About 25 sec.

Operating Environment : Temp. 10°C~40°C, Humidity 30%~75%, Air pressure 70~101.3kh

Storage Environment : Temp. -10°C~60°C, Humidity 10%~80%, Air pressure 50~101.3kh