

Portable

Lightweight (350 g)
Compact
Battery-operated



Accurate Patent

Integrated electrodes, Hands/Feet
Spectroscopy
1 kHz to 1000 kHz, 54 frequencies



Fast

10 seconds



Easy to use

Touch-sensitive electrodes
Voice guidance



Connected Software

SAAS Mode
Updates based on latest
validations



Compatible



Ergonomic: suitable for all body sizes
and shapes



Activation tactile: Touch-sensitive electrodes



Wireless measurement process

STEP 1

Measurement taken by
the subject



STEP 2

Synchronization of
the measurement



STEP 3

Reading of the results



by the professional



by the subject

Technical Specifications

Quadripolar measurement (4 electrodes)
Multifrequency measurement
from 1 to 1000 kHz
Measurement range: 20 to 1500 Ohms
Accuracy: Impedance 1%
Phase Angle 0.2°
Current intensity: 35 µA
Wireless connection: Bluetooth™
Power supply: LR6 Batteries
Weight: 300 g

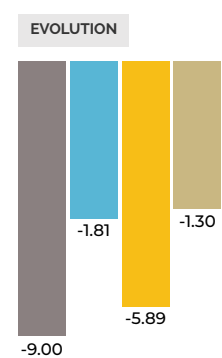
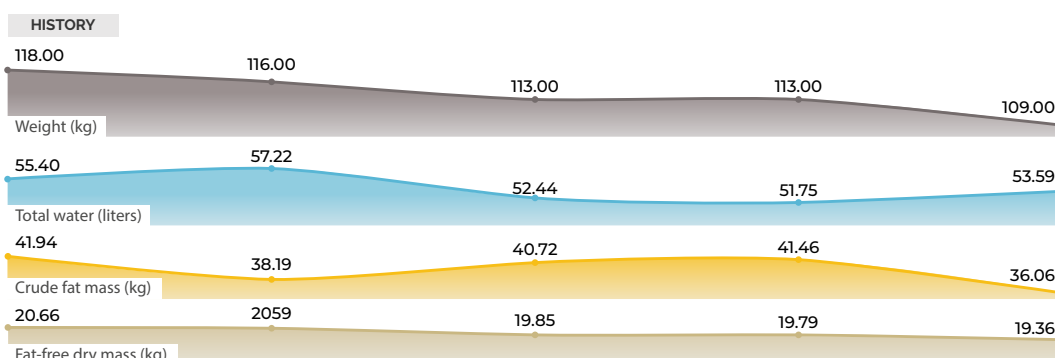
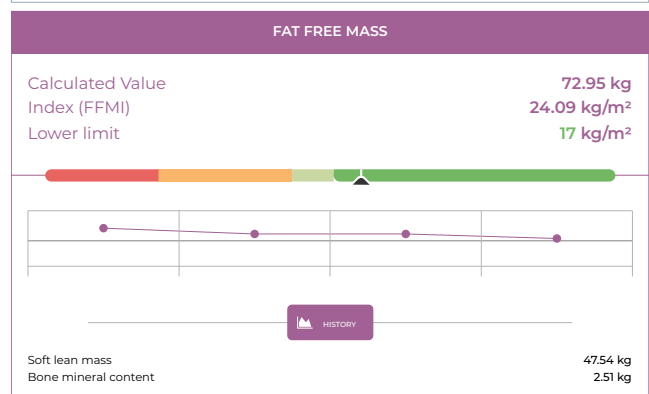
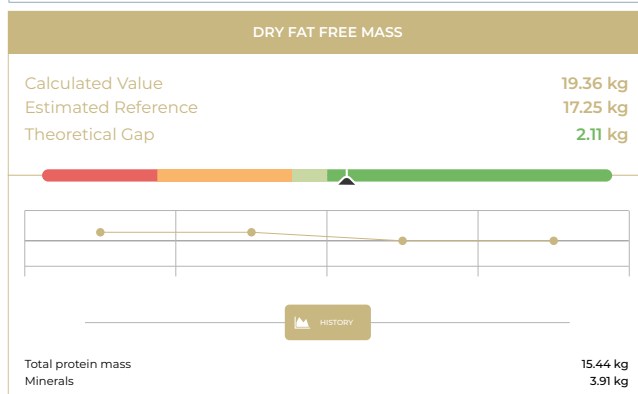
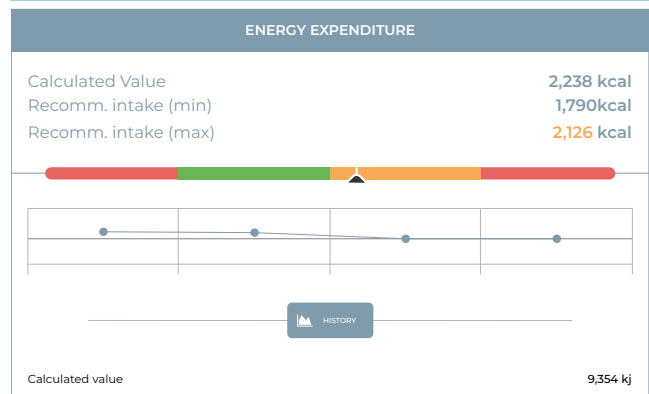
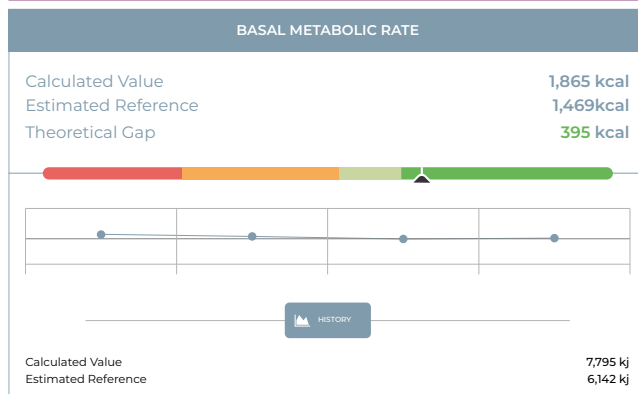
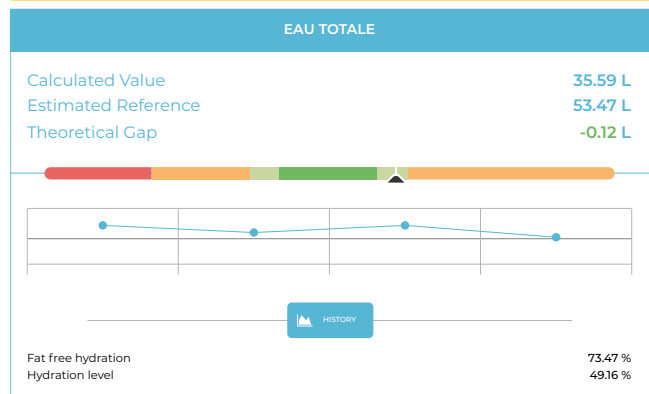
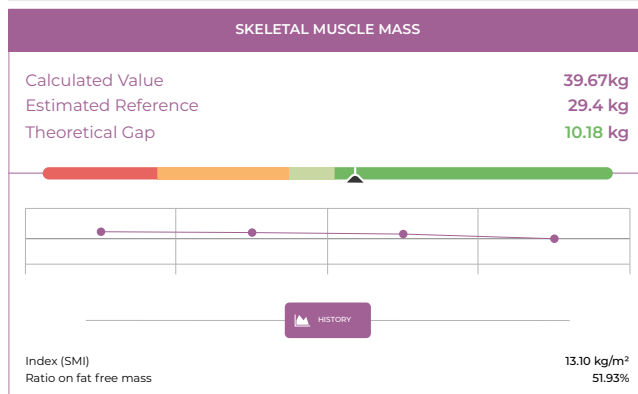
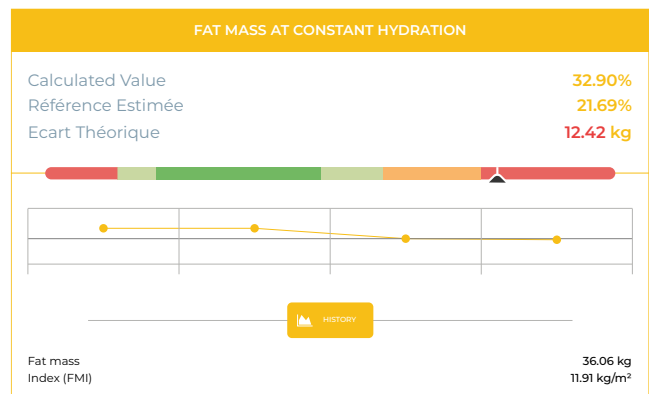
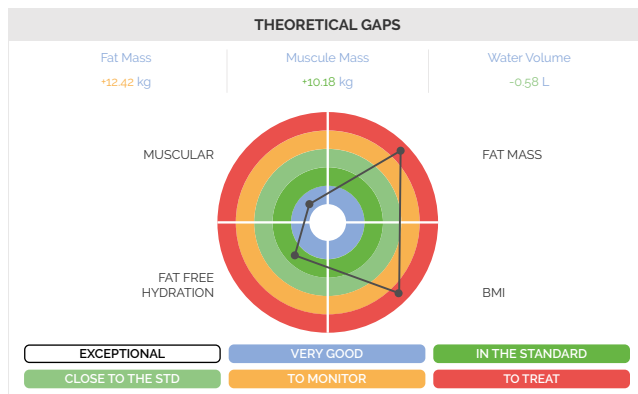
Compatibility

Internet access required
Bluetooth™ LE 5.0 minimum
Minimum OS version
Windows 10
MacOS: Monterey 12
Android 10 - iOS 13

Included

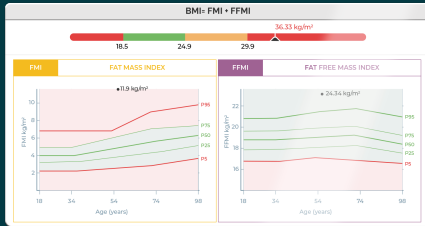
1 BIODY B.I.S.^{2M}
2 Rechargeable LR6 Batteries of 2700mAh
1 USB/MicroUSB Cable
1 Wall Charger
2 Cables for wired function
1 User Manual
1 Biodymanager.com License
1 Case





► The only CUSTOMISABLE Bioimpedance device

BMI+



The BMI (Body Mass Index) chart situates the subject in relation to a reference population using two indexes (FMI: Fat Mass Index, FFMI: Fat-Free Mass Index), expressed in kg/m².

The graphical representation in percentiles facilitates individual evaluation and allows for the rapid detection of excess fat mass or a lean mass deficit, even with a normal BMI.

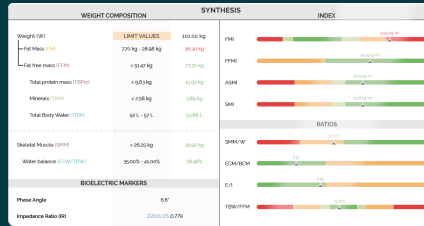
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Synthesis



This graph synthesizes body composition by breaking down weight (fat mass, lean mass, proteins, minerals, water) and integrating key indices (FMI, FFMI, ASMI, etc.) to assess nutritional status and detect imbalances in body composition.

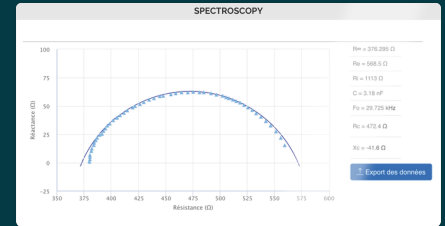
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Spectroscopy



The spectroscopy package provides the most comprehensive bioimpedance report, with 54 measurements covering a wide spectrum of frequencies.

It also offers advanced data on resistances, membrane capacitance, and characteristic frequency, ideal for scientific research.

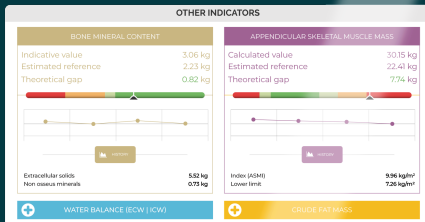
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Other indicators



This module allows you to track essential indicators: bone mineral content, water balance, appendicular skeletal muscle mass, and fat mass.

These parameters provide a comprehensive view of body composition and help with the early detection of imbalances, or insufficient muscle or bone mass.

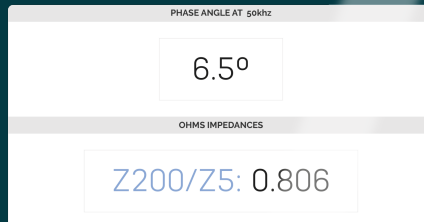
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Cellular



This combines the phase angle, which reflects cellular quality and tissue vitality, and the IR (Impedance Ratio), which indicates the distribution of fluids and electrolytes.

Easy to measure, these parameters offer simple and non-invasive monitoring of health status in nutrition, medicine, and sports.

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Wired



The wired pack ensures reliable measurements for everyone, including people who are frail, bedridden, or have reduced mobility.

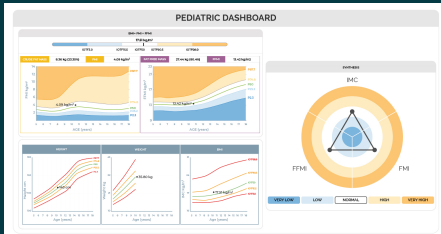
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Pediatric



The pediatric pack provides a validated body composition analysis specifically designed for children aged 5 and over. It delivers precise fat mass and fat-free mass measurements, along with FMI and FFMI curves referenced by age and sex. Growth monitoring is integrated through BMI, height and weight tracking charts — because BMI alone is not sufficient to assess body composition in growing children.

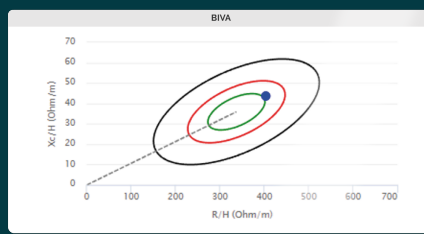
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BIVA



The BIVA module provides an equation-free vectorial impedance analysis to assess hydration and soft tissue body composition directly from raw electrical measurements (resistance and reactance).

It enables the impedance vector to be plotted on population-specific RXc reference graphs for a reliable clinical interpretation of hydration and body cell mass.

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