

Medical Body Composition Analyzer

seca
Precision for health

seca mBCA 554

- + Unique accuracy through whole body MRI validation (skeletal muscle mass) and 4C model (fat mass)
- + Validation studies are bundled and transparently published in the European Journal of Clinical Nutrition 2013/2017, among others
- + Comprehensive, personalized normal ranges based on over 3,000 multiethnic subjects
- + Specially developed formulas for children over 5 years and 51 inches /1.30 m as well as people over 65 years and patients with obesity
- + Handrail with fixed handle positions: Measurements are reproducible and reliable
- + Foot-mounted LEDs embedded in the platform show the various positions and give patients a sense of safety and orientation
- + Cloud-based software with easy understandable graphics guarantees a complete picture of the body composition (additional fees apply)
- + Optional: Precise and contactless height measurement in seconds using the latest ultrasonic technology



Medical Body Composition Analyzer



Developed in conjunction with medical users

Years of experience from research collaborations and working together with medical specialists guarantee the highest precision and accuracy exemplified in the seca mBCA 554. Validated by medical studies, the analyzer provides modern, cloud-based software, and innovative length measurement with ultrasound technology. With its improved graphic analysis, it draws an accurate and comprehensive picture of the body's composition in seconds and makes bioimpedance analysis an even more valuable support for therapy and diagnosis.

A cloud-based bioimpedance analysis does the work for you

Thanks to the cloud-based software, all IT administrative tasks such as storing, managing and backing up data are handled for you, leaving you with more time for your patients. Sensitive patient data is transmitted and saved in an encrypted form and protected from third-party access. The parameter templates can be customized and tailored to specific questions and thematic priorities.

Capacity	800 lbs / 360 kg
Graduation	0.1 lb / 50 g
Dimensions (WxHxD)	33 x 50.4 x 25.7 in / 839 x 1,280 x 653 mm
Platform (WxHxD)	23.6 x 2.8 x 18.4 in / 600 x 70 x 467 mm
Net weight	58.4 lbs / 26.5 kg
Display type	4.3" tilttable and rotatable touchscreen
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Measurement duration	24 seconds
Software	seca analytics 125
Power supply	Power adapter
Functions	Display of user and patient name or ID, Display date of birth patient, TARE, Pre-TARE, HOLD, Auto-HOLD, CLEAR, Auto-CLEAR, RESET, lbs/kg switch-over, Adjustable damping, BMI, Standby mode
Interfaces	Ethernet, USB for barcode scanner, Wi-Fi
Accessories	+ Barcode scanner mount seca 463 + Panda seca 459



Every body component validated to the gold standard

The seca mBCA is validated as the only BIA solution for all components with the most accurate reference method (gold standard). This includes the complex comparison with a whole-body MRI for muscle mass and, with the 4C model, for fat mass or fat-free mass. In order to give the user absolute certainty about the reliability of the measurement results, our validation studies are published transparently and in a combined form in peer-reviewed journals.

Order code **ON IHM INT NN**

- + BIA platform seca mBCA 554
- + BIA handrail seca mBCA 550