Medical Body Composition Analyser with ultrasonic height measurement

seca
Precision for health

seca mBCA Ultra

+ Unique accuracy through whole body MRI validation (skeletal muscle mass) and 4C model (fat mass)

+ Handrail with fixed handle positions: Measurements are reproducible and reliable

+ 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

+ 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

+ Precise and contactless height measurement in seconds using the latest ultrasonic technology

+ Specially developed formulas for children over 5 years and 1.30 m as well as people over 65 years and patients with obesity

+ EMR-validated: transmit measured data directly to an electronic medical record system or printer

EMR))

Bearclaw
Glass®

iF DESIGN AWARD 2020

GERMAN DESIGN AWARD WINNER 2020

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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 Ultra. Validated by medical studies, the analyser 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.

mBCA

Approval class	Ⓘ Ⓘ Ⓘ
Capacity	300 kg
Graduation	50 g < 150 kg > 100 g
Display type	4.3" tiltable and rotatable touchscreen
Connectivity	Wi-Fi, Ethernet
Ports	USB for barcode scanner
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Measurement duration	24 seconds
Software	seca analytics 125
Accessories	+ Barcode scanner mount seca 463
Accessories BIA for children	+ Animal sticker seca 487
	+ Panda seca 459

Ultrasonic height measurement

Measuring range	100 – 220 cm
Measuring range seca 257 sh	100 – 200 cm
Graduation	1 mm
Functions	Automatic calibration

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 customised and tailored to specific questions and thematic priorities.

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 AUT NN	Order code ON IHM AVT NN
+ BIA platform seca mBCA 555	+ BIA platform seca mBCA 555
+ BIA handrail seca mBCA 550	+ BIA handrail seca mBCA 550
+ Ultrasonic height measurement seca 257	+ Ultrasonic height measurement (short) seca 257 sh

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seca.com/mbca-ultra