

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



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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.

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	III
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



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

- + BIA platform seca mBCA 555
- + BIA handrail seca mBCA 550
- + Ultrasonic height measurement seca 257

Order code ON IHM AVT NN

- + BIA platform seca mBCA 555
- + BIA handrail seca mBCA 550
- + Ultrasonic height measurement (short) seca 257 sh

ASAL
ORIGINAL

PIHAK BERKUASA
PERANTI PERUBATAN



MEDICAL DEVICE
AUTHORITY

PIHAK BERKUASA PERANTI PERUBATAN
MEDICAL DEVICE AUTHORITY
AKTA PERANTI PERUBATAN 2012 (AKTA 737)
MEDICAL DEVICE ACT 2012 (ACT 737)
SIJIL PENDAFTARAN PERANTI PERUBATAN
MEDICAL DEVICE REGISTRATION CERTIFICATE
Seksyen 5(1) Akta 737
Section 5(1) of Act 737

No. Pendaftaran: **GB6575821-65024**
Registration No.:

Tarikh Sah Pendaftaran:
Registration Validity Date:

25/06/2026 - 24/06/2031

Sijil ini adalah dengan ini diberi kepada: **IMPLANTEX (M) SDN BHD**
This certificate is hereby issued to:

yang beralamat di:
which is located at:

**158-03-02, KOMPLEKS MALURI JALAN JEJAKA,
TAMAN MALURI CHERAS,
55100 KUALA LUMPUR**

Peranan establismen
Role of establishment

Wakil Diberi Kuasa
Authorized Representative

bagi mengesahkan peranti perubatan seperti yang dinyatakan dalam Lampiran 1 adalah berdaftar di bawah Seksyen 5(1) Akta 737.
to confirm that the medical device as detailed out in Attachment 1 is registered under Section 5(1) of Act 737.

Pendaftaran ini diberikan tertakluk kepada peruntukan-peruntukan di bawah Akta 737 dan peraturan-peraturan yang dibuat dibawahnya serta syarat-syarat seperti di Lampiran 2.
This registration is granted subject to the provisions under Act 737 and its subsidiary legislations and the conditions as in Attachment 2.



MURALITHARAN PARAMASUA
KETUA EKSEKUTIF
CHIEF EXECUTIVE
PIHAK BERKUASA PERANTI PERUBATAN
MEDICAL DEVICE AUTHORITY



No. Pendaftaran: **GB6575821-65024**
Registration No.:

Tarikh Sah Pendaftaran:
Registration Validity Date:

25/06/2026 -
24/06/2031

Butir-butir peranti perubatan yang didaftarkan
Particulars of the registered medical device

Nama Peranti Perubatan **seca mBCA 555**
Medical Device Name

Kelas
Class

CLASS B

Jenama
Brand

SECA MBCA 555

Kelompok
Group

SYSTEM

Nama dan alamat
pembuat:
Name and address of
manufacturer

SECA GMBH & CO. KG
HAMMER STEINDAMM 3-25 22089 HAMBURG GERMANY,
22089
GERMANY

APPENDIX

NO	NAME AS PER DEVICE LABEL	IDENTIFIER	BRIEF DESCRIPTION OF ITEM
1	seca mBCA 555	5557021099	The seca scale is used for the conventional determination of weight and establishment of the general state of nutrition. In combination with a compatible seca standing aid a bioimpedance measurement can be performed.
2	seca mBCA 554	5541321009	The seca scale is used for the conventional determination of weight and establishment of the general state of nutrition. In combination with a compatible seca standing aid a bioimpedance measurement can be performed.
3	seca mBCA 552	5521333009	The seca scale is used for the conventional determination of weight and establishment of the general state of nutrition. In combination with a compatible seca standing aid a bioimpedance measurement can be performed.



NO	NAME AS PER DEVICE LABEL	IDENTIFIER	BRIEF DESCRIPTION OF ITEM
4	seca mBCA 550	5500010009	The seca standing aid with hand electrodes is used in combination with a compatible seca scale for bioimpedance measurement in persons as of a height of 130 cm.
5	seca mBCA 549	5490133009	The seca standing aid with hand electrodes is used in combination with a compatible seca scale for bioimpedance measurement in persons as of a height of 130 cm.
6	seca mBCA 545	5450017009	The seca standing aid with hand electrodes is used in combination with a compatible seca scale for bioimpedance measurement in persons as of a height of 130 cm.
7	seca mBCA 542	5420009009	The seca standing aid with hand electrodes is used in combination with a compatible seca scale for bioimpedance measurement in persons as of a height of 130 cm.
8	seca 257	2571714009	The seca measuring rod is used in combination with the seca platform scale for the conventional determination of height (body size), and for early detection of growth disorders.
9	seca 256	2561733009	The seca measuring rod is used in combination with the seca platform scale for the conventional determination of height (body size), and for early detection of growth disorders.
10	seca analytics 125	1252000030	The seca evaluation software automatically records, documents and displays clinical bioimpedance measuring results and predicts parameters for body composition analysis which can be derived from them – such as FMI (Fat Mass Index), for example.



NO	NAME AS PER DEVICE LABEL	IDENTIFIER	BRIEF DESCRIPTION OF ITEM
11	seca connect 103	1031000010	The seca configuration software is used for automated data transmission (measuring results, patient ID, user ID) between seca measuring devices and the seca evaluation software.
"End Of Product List"			

