Catalog 2022/2023

seca®

Precision for health

The future in focus since 1840

The simple, yet vital, daily routine of patient measuring and weighing is performed in every clinical setting, with weight and height measurements remaining as essential cornerstones of clinical care. Our corporate vision is to provide even more necessary vital parameters from a single source – with solutions as trustworthy as our tradition in medical measuring systems and scales.

This catalog reinforces our vision in providing a comprehensive product portfolio. In addition to our established scale selection, you will find bioimpedance solutions that have been rigorously tested by medical validation studies, unmatched and certified EMR integration solutions to streamline your workflow. At the same time, seca is committed to continuous software development to bring the perfect product today, tomorrow and in the future.

Let yourself be inspired by our innovations and discover the best-suited solution for your clinical needs today.

Robert M. Vogel
CEO

Frederik Vogel
CEO

seca

+ World market leader in medical measuring and weighing
+ Made in Germany since 1840
+ Family-owned and operated in the fourth generation
+ Exclusive partner and dealer network in over 110 countries
+ User-oriented and groundbreaking solutions from our own development department
+ EMR integration – validated and certified seca products equipped for the future

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seca.com

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Maintenance, spare parts, software support: pre- and post-sales service from seca ensures your hospital or practice run smoothly.
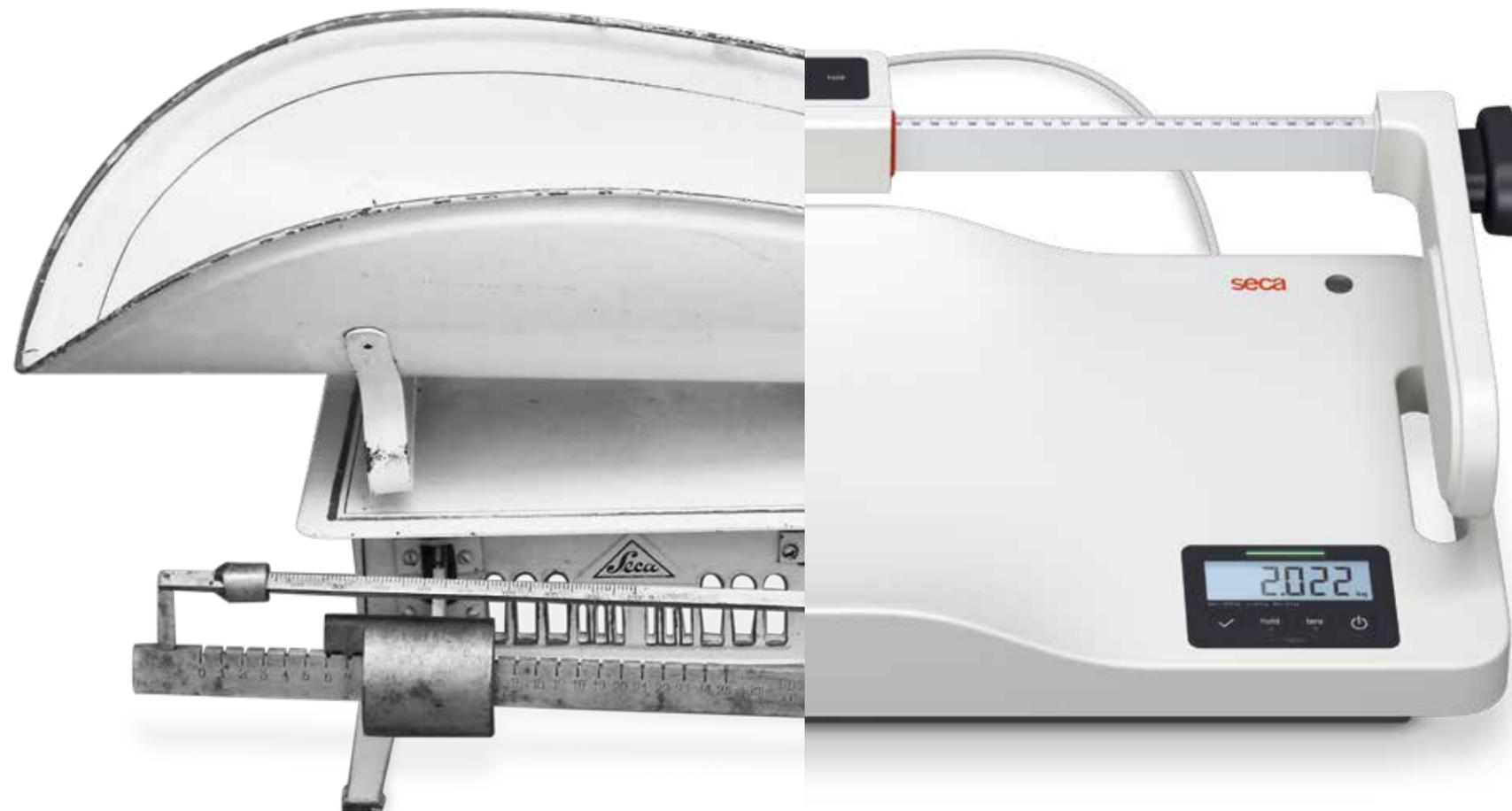
Not all products, accessory parts, functions or services are available in all countries.
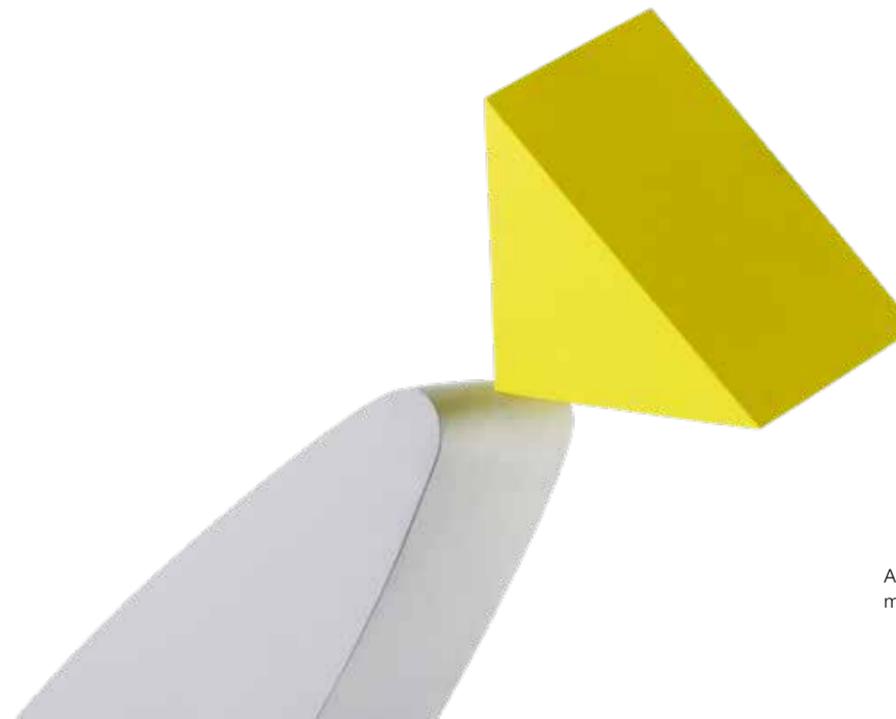
All seca products shown together with this logo are capable of transmitting measurements into an Electronic Medical Record (EMR) system.

WEIGHT
HEIGHT
CIRCUMFERENCE

The perfect solutions for medical measuring and weighing – from premature infants to immobile patients.

Measuring and weighing are among the thousands of routine procedures in a hospital, doctor's office and every medical facility. In all our measuring and weighing solutions, we aim to make this routine procedure as simple and efficient as possible. We provide solutions for patients of all ages, states of health and mobility levels. Absolute precision, reliability and longevity form the foundation for every seca product. What's more, our measuring systems and scales provide an abundance of functions and details that make work easier for staff and help to ensure a zero incident environment.

Baby scales

Babies who feel safe and secure are easier to weigh.

Baby scales by seca make weighing fast and comfortable, thanks to the skin-friendly materials that immediately take on and radiate body warmth. With designs that make the baby feel safe and advanced functions that shorten the weighing process, such as seca integration solutions. They allow you to transmit measurements quickly, securely and wirelessly to any EMR (Electronic Medical Record) system.

seca 727

EMR-validated baby scale with very precise graduation

+ Utmost accuracy: suitable for premature infants

+ Weighing tray made of heat-retaining plastic

+ Backlit, easy-to-read LCD display

+ Included rechargeable batteries allow mobile use without searching for a power outlet

+ Three-stage adjustable damping for fast weighing

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

The backlit LCD display ensures results can be easily read, even in dimmed rooms.

Can be operated by rechargeable batteries or power adapter.

Capacity	20 kg / 44 lbs
Graduation	1 g < 6 kg > 2 g / 0.1 oz
Functions	TARE, HOLD, Auto-HOLD, damping, auto weighing range switch-over, automatic switch-off, kg/lbs switch-over
Accessories	+ Interface module seca 452 + Battery for longer mobile use seca 454 + Mobile carts seca 403 and seca 402

Accessories seca 403 / seca 402

Carts for mobile support of seca baby scales

seca 402

seca 403

+ Ideal supplement to baby scales seca 727, seca 333 i, seca 374, seca 334 and seca 354 m / 354

EMR))

Image contains optional digital measuring rod seca 234 and barcode scanner from a third-party vendor.

seca 333 i

EMR-validated baby scale with Wi-Fi function

+ Optional with digital measuring rod seca 234 or analog measuring rod seca 232 n

+ Damping system for fast weighing

+ Easy-to-read, backlit LCD display

+ USB port for barcode scanner for user and patient identification

+ EMR-validated via Wi-Fi: transmit measured data directly to any Electronic Medical Record (EMR) system

Barcode scanners can be plugged in directly to the scale's USB port for optional user and patient identification.

Easy-to-read, backlit LCD display. Weight and height are transmitted to the electronic medical record at the touch of a button.

The digital measuring rod simplifies measurement with a clear display and transmission function.

Capacity	20 kg / 44 lbs
Graduation	5 g / 0.2 oz
Functions	TARE, BMIF, HOLD, Auto-HOLD, damping, automatic switch-off, Wi-Fi, kg/lbs switch-over, confirm button
Ports	USB for barcode scanner
Accessories	+ Mobile carts seca 403 and seca 402
	+ Digital measuring rod seca 234
	+ Analog measuring rod seca 232 n
	+ Battery for longer mobile use seca 454
	+ Carrying case seca 428

Image contains optional measuring rod seca 233.

Image contains optional measuring rod seca 232.

seca 374

Baby scale with extra large weighing tray

+ Weighing tray with high side walls for increased safety

+ Weighing and measuring in one step thanks to optional length measuring rod

+ Three-step damping for fast weighing

+ Large tray is suitable for weighing toddlers while sitting

High sides on weighing tray offer special protection from falling out.

Power supplied by batteries for mobile use.

Capacity	20 kg / 44 lbs
Graduation	5 g < 10 kg > 10 g / 0.2 oz < 22 lbs > 0.5 oz
Functions	TARE, BMIF, Auto-HOLD, kg/lbs switch-over, damping, automatic switch-off
Accessories	+ Mobile carts seca 403 and seca 402
	+ Measuring rod seca 233
	+ Power adapter 447
	+ Switch-mode power adapter 400

seca 334

Mobile digital baby scale

+ With Breast-Milk-Intake-Function (BMIF)

+ Handy and light for mobile medical use

+ Comfortable cradle

+ Large, easy to read LCD display

+ Reliable results due to automatic damping system

+ Extendable with measuring rod seca 232
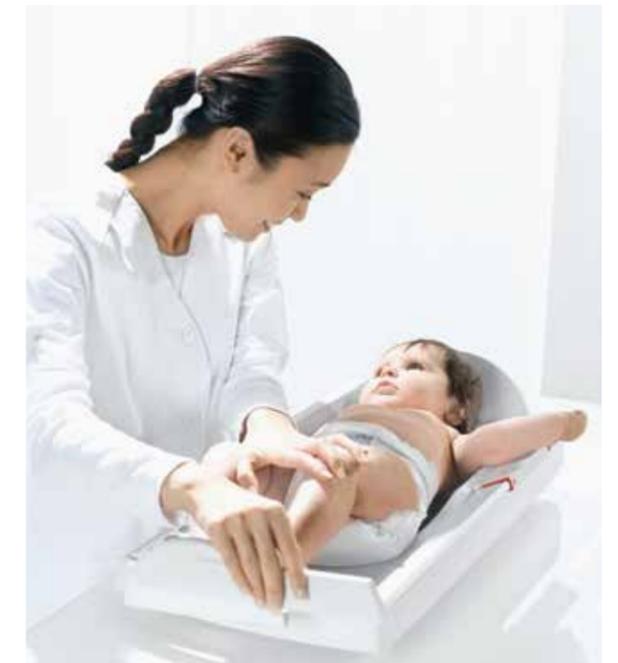
The optional measuring rod can be used to determine weight and height simultaneously.

Capacity	20 kg / 44 lbs
Graduation	5 g < 10 kg > 10 g / 0.2 oz < 22 lbs > 0.5 oz
Functions	TARE, BMIF, Auto-HOLD, kg/lbs switch-over, automatic switch-off
Accessories	+ Mobile carts seca 403 and seca 402
	+ Measuring rod seca 232
	+ Power adapter 447
	+ Switch-mode power adapter 400
	+ Carrying case seca 428

seca 354 m / 354

2-in-1 mobile baby scale and flat scale for toddlers

+ Weigh babies lying down and toddlers standing up

+ Easily detach the weighing tray from the base to use as a flat scale

+ Compact, robust and lightweight: ideal for mobile use

+ High-quality baby scale with calibration approval at an economical price

+ Wide range of functions: TARE, HOLD and Breast-Milk-Intake-Function (BMIF)

The weighing tray can be removed easily at the touch of a button.

Thanks to the removable weighing tray, even toddlers up to 20 kilograms can be weighed.

seca 354 m: Versatile operation due to battery or power supply.

	seca 354 m	seca 354
Capacity	20 kg / 44 lbs	20 kg / 44 lbs
Graduation	5 g < 10 kg > 10 g / 0.2 oz < 22 lbs > 0.5 oz	5 g < 10 kg > 10 g / 0.2 oz < 22 lbs > 0.5 oz
Power supply	Power adapter, batteries	Batteries
Functions	TARE, BMIF, Auto-HOLD, kg/lbs switch-over, automatic switch-off	
Accessories	+ Mobile carts seca 403 and seca 402 + Measuring board seca 417 or measuring mat seca 210 + Backpack seca 409 (for combination with measuring board or measuring mat) + Carrying case seca 414 (for combination with measuring board) + Backpack seca 431 + Carrying case seca 413	

seca 725

Mechanical baby scale with sliding weights

+ Classic construction with high-quality precision mechanics

+ Exact weight determination using the reset-to-zero function

+ Gently curved weighing tray for the utmost safety when weighing

+ Removable scale cover is easy to clean and perfect for mobile use

Capacity	16 kg
Graduation	5 g
Functions	Reset-to-zero function

The reset-to-zero function guarantees reliable determination of net weight by simply deducting the extra weight of padding or diaper.

Image contains optional sling seat seca 410.

seca 310

Mechanical circular dial scale for use far from any hospital

+ Fine graduation of 50 g

+ Tough and reliable

+ Suspension hooks made of galvanized steel, extremely durable and safe

Capacity	25 kg / 55 lbs
Graduation	50 g / 2 oz
Functions	Reset-to-zero function
Accessories	+ Sling seat seca 410 + Carrying case seca 411

Pediatric measuring systems

Adaptable devices are preferred.

Clinics, medical practices and health care facilities have varied conditions and requirements. seca responds with a wide range of products for pediatrics – from infantometers to a portable measuring mat and from measuring rods to a head circumference measuring tape. seca has the right solution for every application, whether the devices are for in-patient or mobile use, in large or small spaces, for everyday or infrequent use. They all share the renowned seca quality which always lives up to the most demanding medical requirements.

seca 416

Infantometer for measuring babies and toddlers

+ Robust, extra large construction for precise measuring

+ Ensures correct lying position due to trough-shaped measuring surface

+ Measurement scale printed along top side for easy reading
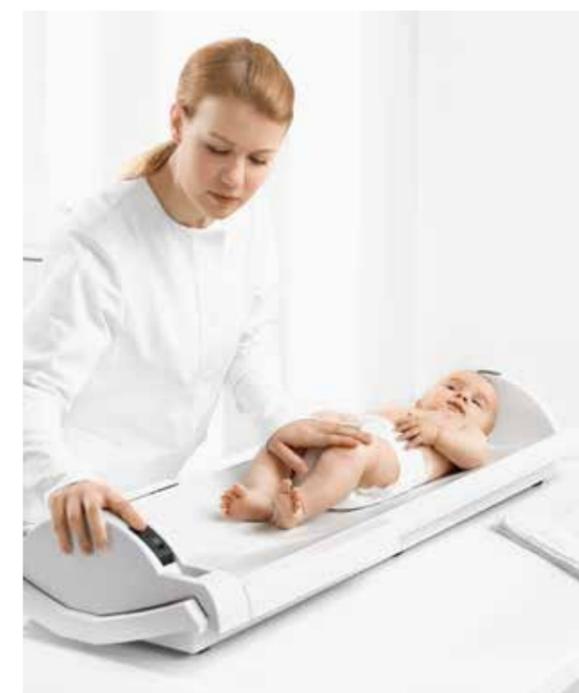
Measuring range	33 – 100 cm or 33 – 100 cm / 13 – 39"
Graduation	1 mm or 1 mm / 1/16"

The foot positioner locks into place to capture results.

seca 417

Light, space-saving and stable measuring board also ideal for mobile use

+ Simple operation for quick mobile use
+ Folds up for space-saving storage
+ High-quality materials for long service life
+ Smooth surfaces for easy cleaning

The high-quality folding mechanism guarantees a long service life.

The measurement results are easy to read from the large measuring scale.

| Measuring range	10 – 100 cm or 10 – 100 cm / 4 – 39"
Graduation	1 mm or 1 mm / 1/16"
Accessories	+ Carrying case seca 412
	+ Backpack seca 409 or carrying case seca 414 (for combination with baby scale seca 354 m / 354)
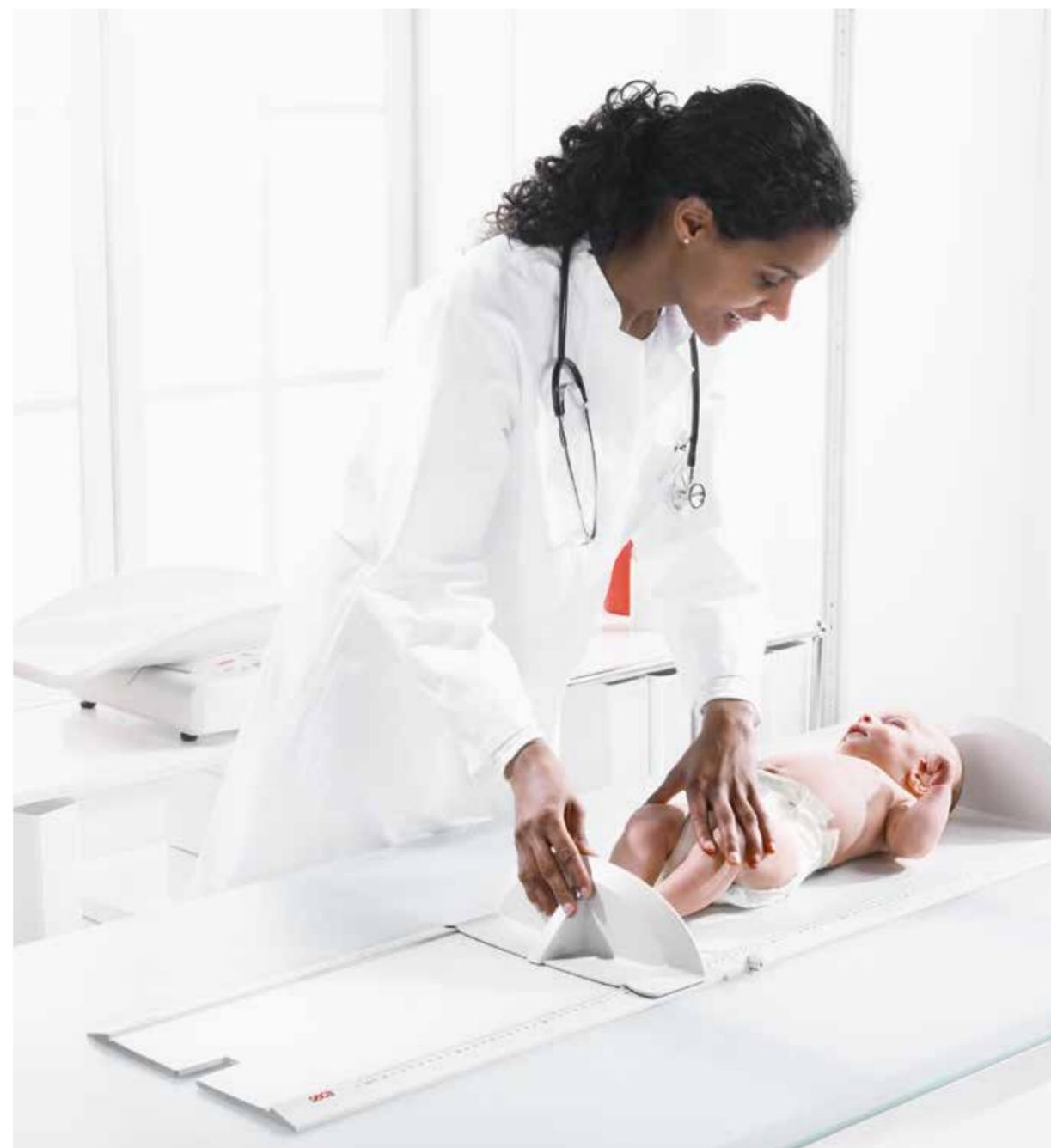
Possible combination

seca 354 m / 354, seca 417 and seca 414

The mobile measuring and weighing system for babies and toddlers

+ Combined weighing and measuring of babies and toddlers in a lying position
+ The 2-in-1 baby and toddler scale plus measuring board can be easily transported together in a roomy carrying bag
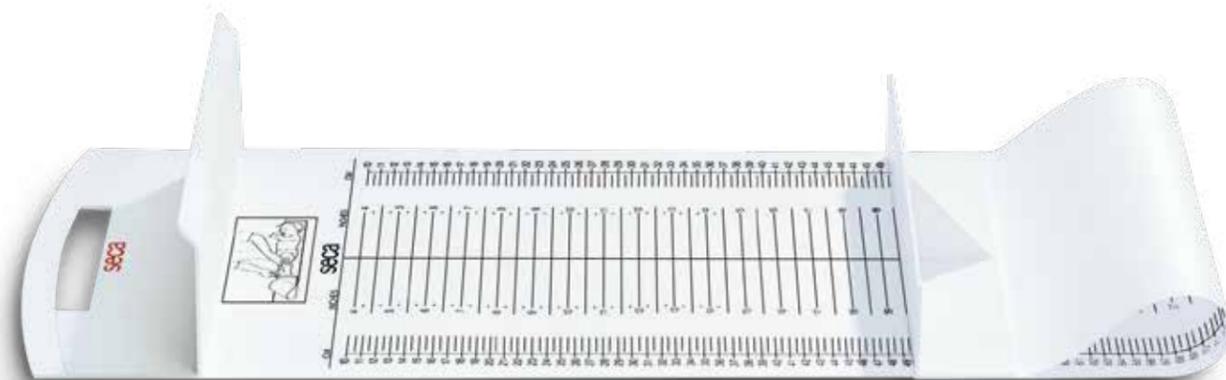
seca 210

Mobile measuring mat for babies and toddlers

+ Light-weight and easy to clean with most commercially available disinfectants

+ Fixed head piece and the sliding foot positioner make it simple to use

+ Measuring mat rolls up for easy transport and space-saving storage

reddot design award

| Measuring range	10 – 99 cm or 10 – 99 cm / 4 – 39"
Graduation	5 mm or 5 mm / 1/4"
Accessories	+ Backpack seca 409 or carrying case seca 414 (for combination with baby scale seca 354 m / 354)
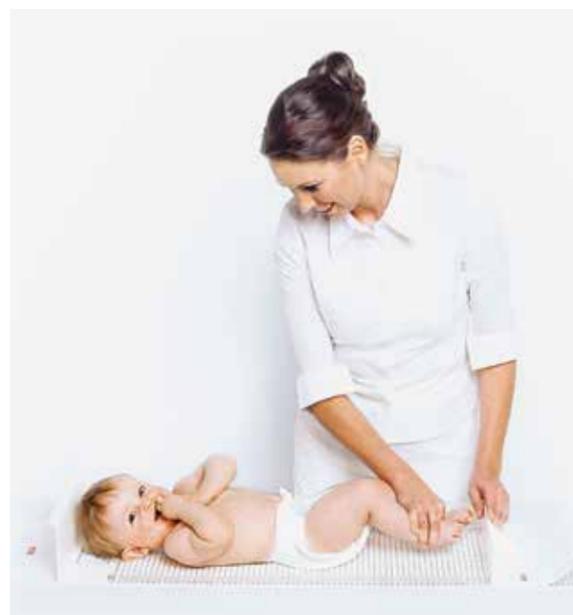
The measuring mat can be rolled up for space-saving storage.

seca 207

Baby measuring rod with large calipers

+ Fixed headpiece and smooth sliding foot positioner

+ Space saving and mobile

+ Attachable to changing tables or for wall mounting

+ Foldable calipers for easy storage

Measuring range	7 – 99 cm or 7 – 99 cm / 3 – 39"
Graduation	1 mm or 1 mm / 1/8"

Movable calipers at one end of the measuring rod make this instrument suitable for use with both babies and toddlers.
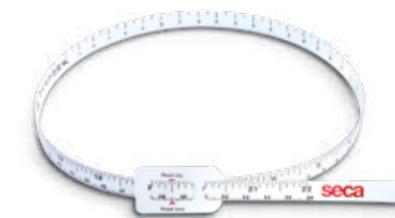
seca 212

Measuring tape for head circumference of babies and toddlers

+ Hygienic, disposable measuring tape of non-stretch Teflon material

+ Double function: head circumference with the front side of the tape and facial symmetry with the rear side

+ Easy-to-read, color-coded precise results

+ Practical dispenser (content: 15 tapes)

Measuring range	3 – 59 cm or 3 – 59 cm / 1 – 23"
Graduation	1 mm or 1 mm / 1/16"

Precise and easy-to-read measurements made possible by clear, red markings.

Measuring stations

Measuring and weighing in a single step.

Measuring stations let you measure and weigh in one step to effectively determine patient height and weight. Be it an ultrasonic measuring station or measuring station with digital head slider, seca offers state-of-the-art technology, high-quality materials, elegant design and functions that make daily medical routine easier. EMR-validation means that the user no longer has to record the measured data manually and the seca Scale-up Line displays the name or ID of the patient.

seca Scale-up Line

EMR-validated ultrasonic measuring station with ID-Display™ and optional handrail

+ Display shows name or identification number (ID) of users and patients for increased safety

+ Data transmission controlled by touchscreen display

+ Outstanding precision and high-speed measuring thanks to perfected ultrasound technology

+ Large platform made of tested seca Bearclaw Glass® for absolute breakage resistance and perfect hygiene

+ Illuminated LED footprints in the weighing platform show patients the correct standing position for accurate height measurement

+ Voice guidance to support the measurement process

+ Optional: Safe weighing with sturdy handrail

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

seca.com/scaleup

The displayed patient and user name offer greater control and increases patient safety.

EMR))

Bearclaw Glass®

Image contains optional barcode scanner mount seca 463 and barcode scanner from a third-party vendor.

Order code **ON SMM IUT NN**

+ Flat scale seca 654
+ Ultrasonic height measurement seca 257

EMR))

Image contains optional barcode scanner mount seca 463 and barcode scanner from a third-party vendor.

Order code **ON SHM IUT NN**

+ Flat scale seca 654
+ Ultrasonic height measurement seca 257
+ Handrail seca 455

Bearclaw Glass® / GERMAN DESIGN AWARD WINNER 2020

Scale

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	Display of user and patient name or ID, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, kg/lbs switch-over, cm/inch switch-over, damping, standby mode, Wi-Fi, Ethernet, SEND
Accessories	+ Ultrasonic height measurement seca 257 + Ultrasonic height measurement (short) seca 257 sh + Handrail seca 455 + Animal sticker seca 487 + Barcode scanner mount seca 463

Ultrasonic height measurement

Measuring range seca 257	60 – 220 cm / 1 ft 12" – 7 ft 2" 100 – 220 cm / 3 ft 3" – 7 ft 2" (with handrail)
Measuring range seca 257 sh	60 – 200 cm / 1 ft 12" – 6 ft 7" 100 – 200 cm / 3 ft 3" – 6 ft 7" (with handrail)
Graduation	1 mm / 1/8"
Functions	Automatic calibration

Order code **ON SMM IVT NN**

+ Flat scale seca 654
+ Ultrasonic height measurement (short) seca 257 sh

Order code **ON SHM IVT NN**

+ Flat scale seca 654
+ Ultrasonic height measurement (short) seca 257 sh
+ Handrail seca 455

Illuminated LED footprints in the weighing platform show patients the correct standing position for accurate height measurement.

Nearly effortless transport with extremely robust rubber wheels.
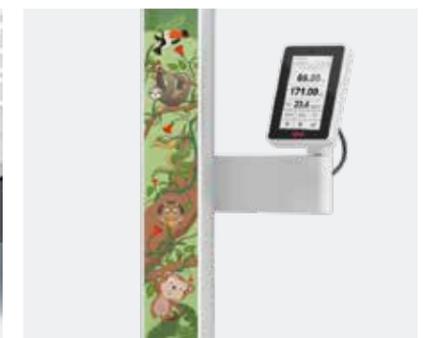
While the child is focusing on an animal at eye level, the head position is just right for precise height measurement.

seca 286

EMR-validated ultrasonic measuring station with voice guidance

+ Voice-guided self-measurement assists personnel

+ Outstanding precision and high-speed measuring thanks to perfected ultrasound technology

+ Hands-free measuring prevents the spread of germs

+ Precise 50 g graduation at a very high capacity of up to 300 kg

+ High-quality workmanship and modern design with safety glass and an aluminum profile

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

EMR))
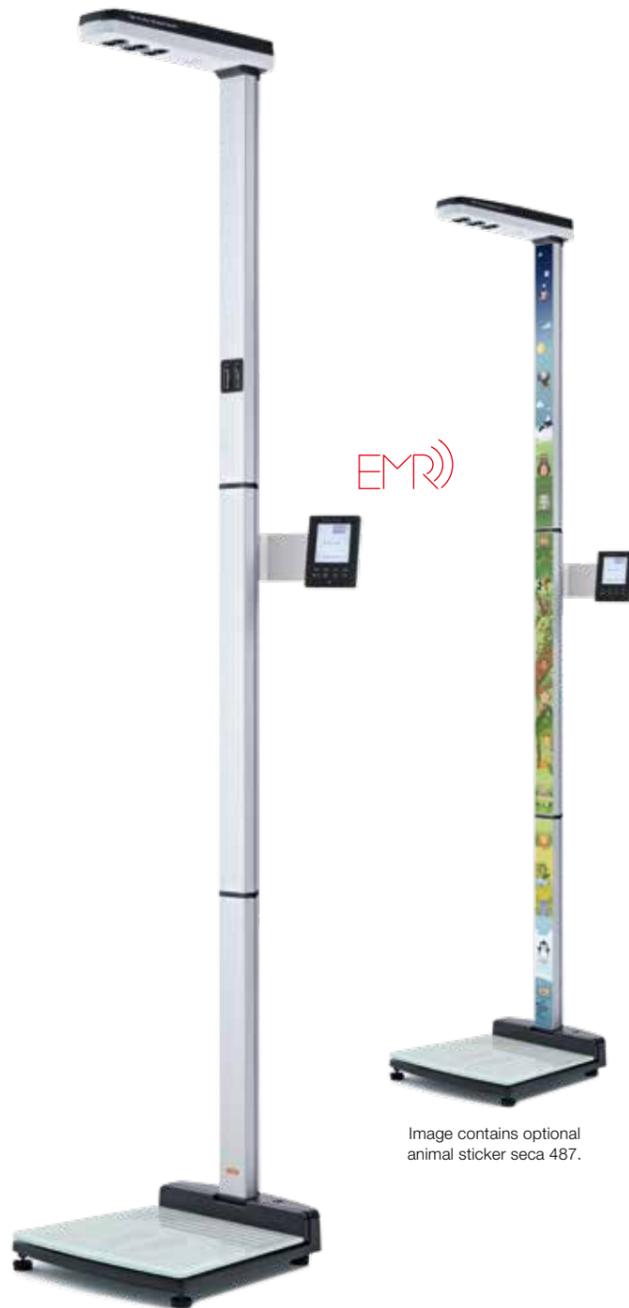
Image contains optional animal sticker seca 487.

Scale

Capacity	300 kg / 660 lbs
Graduation	50 g / 0.1 lb
Functions	Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, Auto-CLEAR, CLEAR, kg/lbs switch-over, cm/inch switch-over, damping, SEND
Accessories	+ Interface module seca 452
	+ Animal sticker seca 487

Ultrasonic height measurement

|	
Measuring range	60–210 cm / 1 ft 12"–6 ft 10"
Graduation	1 mm / 1/8"
Function	Automatic calibration

Three unique pairs of sensors transmit and receive ultrasonic signals separately and thereby ensure the most precise measurement results.

Thanks to the seca 452 interface module, measured data can be transmitted directly to the EMR system.

seca 284

EMR-validated measuring station for height and weight

+ Measuring and weighing in one step with absolute precision

+ Precise head alignment by the seca Frankfurt line positioner

+ Precise 50 g graduation at a very high capacity of up to 300 kg

+ Wide range of height measurement: also suitablefor pediatrics

+ Three-line touchscreen for simultaneous weight, height and BMI display

+ High-quality glass platform with a heel positioner for exact three-point measurement

+ Display in the headpiece shows the height

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

EMR))

Scale

Capacity	300 kg / 660 lbs
Graduation	50 g / 0.1 lb
Functions	Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, Auto-CLEAR, CLEAR, kg/lbs switch-over, cm/inch switch-over, damping, SEND
Accessories	+ Interface module seca 452

Height measurement

Measuring range	30–220 cm / 11"–7 ft 2"
Graduation	1 mm / 1/8"
Functions	HOLD, user-defined zero setting, automatic switch-off, SEND

The Frankfurt line positioner, which is offered only by seca, makes sure the patient's head is in exactly the right position.

Column scales

Indestructible support in patient care.

Thanks to their high precision, steadfast mechanics, durable aluminum, steel and cast iron construction as well as many sophisticated details, seca column scales are an indispensable part of the medical world.

When used with a height measuring rod, they double as a measuring station and can determine weight, height and BMI in a single action. The column scales can be easily transported thanks to their transport wheels.

seca 703

EMR-validated column scale with 300 kg capacity

+ Extremely robust, highly precise seca weighing technology with 300 kg capacity

+ Non-tilting base made of heavy duty cast iron

+ Impact- and scratch-resistant powder coating

+ Wide range of functions: BMI, pre-TARE, HOLD, Auto-HOLD, mother+child function, three-step damping

+ Expandable to measuring station with an optional height measuring rod

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

EMR))

Image contains optional measuring rod seca 220.

Scale

Capacity	300 kg / 660 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Functions	TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping, automatic switch-off
Accessories	+ Interface module seca 452 + Measuring rod seca 220 or seca 224 or panda seca 459 + Power adapter 447 + Switch-mode power adapter 400

Measuring rod seca 220 (optional)

Measuring range	60 – 200 cm or 60 – 200 cm / 24 – 78"
Graduation	1 mm or 1 mm / 1/8"

With the cuddly panda seca 459 weighing is playful and fun for children.

The seca 703 can send measurements via the interface module seca 452 directly to any EMR system.

seca 703 s

EMR-validated column scale with stadiometer

+ The height measuring rod with a heel plate is ideal for three-point measurement for patients affected by obesity

+ Display faces the user for increased visual ergonomics

+ Non-tilting base made of heavy duty cast iron, resistant to moisture

+ Impact- and scratch-resistant powder coating for a guaranteed long weighing lifespan

+ Wide range of functions: BMI, pre-TARE, HOLD, Auto-HOLD, mother+child function, three-step damping

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Scale

Capacity	300 kg / 660 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Functions	TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping, automatic switch-off
Included	Stadiometer
Accessories	+ Interface module seca 452 + Panda seca 459 + Power adapter 447 + Switch-mode power adapter 400

Stadiometer (included)

Measuring range	6 – 230 cm / 3 – 90"
Graduation	1 mm / 1/8"
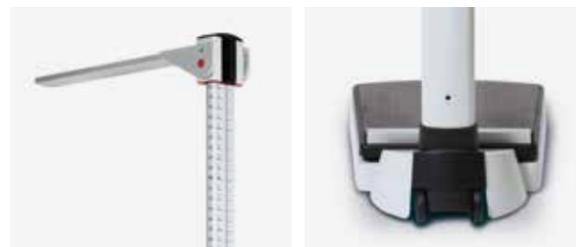
The measuring scale is printed on the side of the measuring rod improving visual ergonomics.

Practical wheels permit mobile use.

seca 797

EMR-validated column scale with eye-level display and Wi-Fi function

+ Medical-grade, robust scale for years of use with high patient volume

+ Digital measuring rod with an extra long measuring range

+ Two-line display shows height and weight

+ Damping system and Auto-HOLD guarantee quick and precise weighing

+ Oversized, low-profile full metal platform (no plastic)

+ Tilt-proof safety design

+ Display swappable to left or right side

+ Optional: Handrail seca 477 provides extra patient security

+ Optional: Panda bear facilitates measuring and weighing of children

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Image contains optional integrated handrail seca 477 and barcode scanner from a third-party vendor.

Scale

Capacity	250 kg / 550 lbs
Graduation	100 g / 0.2 lb
Functions	TARE, HOLD, Auto-HOLD, damping, confirm button, kg/lbs switch-over lock, cm/inch switch-over, Auto-BMI, Wi-Fi
Accessories	+ Handrail seca 477 + Panda seca 459

Measuring rod (included)

Measuring range (total)	10 – 230 cm / 4 – 90"
Measuring range (digital)	122 – 230 cm / 48 – 90"
Graduation	1 mm / 1/8"

Extended with an optional USB barcode scanner, both patient and user are identified and the measurement results are always correctly assigned.

seca 787

EMR-validated column scale with eye-level display

+ Medical-grade, robust scale for years of use with high patient volume

+ Digital measuring rod with an extra long measuring range

+ Two-line display shows height and weight

+ Damping system and Auto-HOLD guarantee quick and precise weighing

+ Oversized, low-profile full metal platform (no plastic)

+ Tilt-proof safety design

+ Display swappable to left or right side

+ Optional: Handrail seca 477 provides extra patient security

+ Optional: Panda bear facilitates measuring and weighing of children

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Scale

Capacity	250 kg / 550 lbs
Graduation	100 g / 0.2 lb
Functions	TARE, HOLD, Auto-HOLD, damping, kg/lbs switch-over lock, cm/inch switch-over, Auto-BMI, automatic switch-off
Accessories	+ Interface module seca 452 + Handrail seca 477 + Panda seca 459 + Power adapter 401

Measuring rod (included)

Measuring range (total)	10 – 230 cm / 4 – 90"
Measuring range (digital)	122 – 230 cm / 48 – 90"
Graduation	1 mm / 1/8"

Image contains barcode scanner from a third-party vendor.

A generous two-line display shows weight and height simultaneously and automatically calculates patients' BMI.

seca 777

Digital column scale with eye-level display

+ Medical-grade, robust scale designed for years of use with high patient volume
+ Built-in measuring rod with 10 – 230 cm measuring range
+ USB interface for EMR integration solutions or PC connectivity
+ Large rubber coated wheels for excellent movability
+ Oversized, low-profile full metal platform (no plastic)
+ Tilt-proof safety design
+ Display swappable to left or right side
+ Optional: Handrail seca 477 provides extra patient security
+ Optional: Panda bear facilitates measuring and weighing of children

seca 769

Electronic column scale with BMI function

+ Particularly robust and compact column scale
+ Includes BMI function, TARE and HOLD
+ Robust weighing platform made of steel
+ Easily movable with transport wheels
+ Can be powered with batteries for mobile use or a power adapter for stationary use
+ Expandable to measuring station with an optional height measuring rod

Image contains optional measuring rod seca 220.

seca 719

Column scale with four weight sensors for a stable stance

+ Display on a high column for easy reading
+ Step-off function for weighing without switching on scale
+ High stability for demanding users

Scale	
Capacity	250 kg / 550 lbs
Graduation	100 g / 0.2 lb
Functions	TARE, HOLD, kg/lbs switch-over lock, BMI
Accessories	+ Handrail seca 477
	+ Panda seca 459
	+ Power adapter 401

Measuring rod (included)	
Measuring range	10 – 230 cm / 4 – 90"
Graduation	1 mm / 1/8"

The scale is easy to move by staff due to the large rubber coated wheels and a wide wheelbase.

Scale	
Capacity	200 kg / 450 lbs
Graduation	100 g / 0.2 lb
Functions	TARE, HOLD, BMI, kg/lbs switch-over, automatic switch-off
Accessories	+ Measuring rod seca 220 or seca 224
	+ Power adapter 447
	+ Switch-mode power adapter 400

Measuring rod seca 220 (optional)	
Measuring range	60 – 200 cm or 60 – 200 cm / 24 – 78"
Graduation	1 mm or 1 mm / 1/8"

Capacity	180 kg / 400 lbs
Graduation	100 g / 0.2 lb
Functions	Auto-HOLD, tap-on automatic switch-on, Step-off, kg/lbs switch-over, automatic switch-off

seca 700

Mechanical column scale with eye-level beam

+ Easy reading and operation at eye level

+ Requires no batteries or other power supply

+ Same level of accuracy as a digital column scale

+ Non-tilting and highly robust base made of cast iron

+ High capacity of 220 kg

+ All parts are corrosion-resistant

Image contains optional measuring rod seca 220.

Scale

Capacity	220 kg or 500 lbs or 160 kg / 400 lbs
Graduation	50 g or 1/8 lbs or 100 g / 1/4 lbs
Functions	Reset-to-zero function
Accessories	+ Measuring rod seca 220

Measuring rod seca 220 (optional)

Measuring range	60 – 200 cm or 60 – 200 cm / 24 – 78"
Graduation	1 mm or 1 mm / 1/8"

The scale is printed on both sides so that both the patient and the user can read the weight.

The broad and flat construction provides easy step-on access and a firm foothold.

seca 755

Mechanical column scale with BMI display and evaluation

+ Fast and easy BMI determination

+ Simultaneous evaluation of nutritional status

+ Clear circular scale and low platform

Scale

Capacity	160 kg or 160 kg / 350 lbs
Graduation	500 g or 500 g / 1 lb
Functions	BMI, reset-to-zero function
Accessories	+ Measuring rod seca 224

Measuring rod seca 224 (optional)

Measuring range	60 – 200 cm or 60 – 200 cm / 24 – 78"
Graduation	1 mm or 1 mm / 1/8"

Height and weight measurements can be taken at once with the optional telescopic measuring rod seca 224.

Once the weight has been measured, an integrated, color-coded BMI scale indicates if the patient is underweight, normal or affected by obesity.

seca 786

Mechanical column scale with large round dial

+ With hip-high column for easy read-out

+ With large black platform

+ Ready for use without electrical connection or battery

+ Integrated transport wheels

Scale

Capacity	150 kg
Graduation	500 g
Functions	Reset-to-zero function
Accessories	+ Measuring rod seca 224

Measuring rod seca 224 (optional)

Measuring range	60 – 200 cm or 60 – 200 cm / 24 – 78"
Graduation	1 mm or 1 mm / 1/8"

The separately available measuring rod seca 224 permits simultaneous measuring and weighing.

reddot design award   iF

Flat scales

Saving on space does not mean saving on patient benefits.

Where space is limited, there remains plenty of space for seca flat scales. Their wide array of functions make the day-to-day routines in medical care easier. Additional features include high weight capacity of up to 360 kg and long-battery life. Useful accessories such as carrying cases and a stand for a separate display make using seca flat scales even more enjoyable.

seca 650

EMR-validated flat scale with ID-Display™ and stable glass platform

+ Display shows name or identification number (ID) of users and patients for enhanced safety

+ Data transmission controlled on the touchscreen

+ Large platform made of tested seca Bearclaw Glass® for absolute breakage resistance and perfect hygiene

+ Glass surface is easy to clean and disinfect (more hygienic than plastic)

+ Adjustable damping for fast and accurate weighing

+ Expandable to measuring station with handrail

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

seca.com/scaleup

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	Display of user and patient name or ID, customizable shortcut buttons, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, kg/lbs switch-over, cm/inch switch-over, damping, Wi-Fi, Ethernet, SEND
Accessories	+ Ultrasonic height measurement seca 257 or seca 257 sh in combination with adapter seca 464 + Handrail seca 455

seca 634

EMR-validated flat scale with extra-large platform

+ Extra-large platform with 360 kg capacity

+ Cable remote display for wall mounting or table installation

+ Includes BMI calculator and three-stage damping

+ Wide range of functions: TARE, pre-TARE, HOLD and Auto-HOLD

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

The patient's BMI can be determined when their height is entered.

It's easy to step onto the extra large, slip proof platform.

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, automatic switch-off, damping
Accessories	+ Interface module seca 452 + Stand for cable remote display seca 472 + Power adapter 447 + Switch-mode power adapter 400

Accessory seca 472

Stand for cable remote display

+ Sturdy construction for cable remote display of the scales seca 634, seca 656 and seca 674

seca 869

Digital flat scale with cable remote display

+ Cable remote display for wall mounting or table installation

+ Robust and durable seca quality

+ Support feet for strong stability

+ Can be powered with batteries for mobile use or a power adapter for stationary use

Capacity	250 kg / 550 lbs
Graduation	100 g < 150 kg > 200 g 0.2 lb < 330 lbs > 0.5 lb
Functions	TARE, HOLD, BMI, kg/lbs switch-over, automatic switch-off
Accessories	+ Stadiometer seca 217 in combination with adapter element seca 437 + Carrying cases seca 409 / seca 421 or seca 414 (for combination with stadiometer and adapter element) + Power adapter 447 + Switch-mode power adapter 400

The angle of the display can be adjusted for easy reading and can be used separately from the base.

seca 874

Flat scale with foot switches and double display

+ Double display lets the doctor and patient read simultaneously

+ Can weigh 10,000 times with a single set of batteries

+ May be used standing up thanks to the foot switches

+ Mother+child function to weigh toddlers

Capacity	200 kg / 440 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Functions	Mother+child function, Auto-HOLD, kg/lbs switch-over, automatic switch-off
Accessories	+ Stadiometer seca 217 in combination with adapter element seca 437 + Carrying cases seca 409 / seca 415 or seca 414 (for combination with stadiometer and adapter element)

The two foot switches on the front side of the scale can be operated by foot.

seca 876

Digital flat scale with foot pedal

+ Precise weighing technology for medical use

+ May be used standing up thanks to the foot pedals and tap-on function

+ Support feet for increased stability

+ Can weigh 10,000 times with a single set of batteries

+ Mother+child function to weigh toddlers

Capacity	250 kg / 550 lbs
Graduation	100 g < 150 kg > 200 g 0.2 lb < 330 lbs > 0.5 lb
Functions	Mother+child function, tap-on automatic switch-on, kg/lbs switch-over, automatic switch-off
Accessories	+ Stadiometer seca 217 in combination with adapter element seca 437 + Carrying cases seca 409 / seca 415 or seca 414 (for combination with stadiometer and adapter element)

Tap-on function for weighing without turning on the scales.

seca 874 dr

Flat scale with customizable label

+ Customizable label helps minimize scale misplacement

+ Inexpensive, reliable and durable: seca quality that pays off

+ Double display allows the doctor and patient to read simultaneously

+ Leveling feet for strong stability

+ Mother+child function for hassle-free weighing of toddlers

seca.com/doctorscale

Capacity	200 kg / 440 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Functions	Mother+child function, Auto-HOLD, kg/lbs switch-over, automatic switch-off
Accessories	+ Stadiometer seca 217 in combination with adapter element seca 437 + Carrying cases seca 409 / seca 415 or seca 414 (for combination with stadiometer and adapter element) + Power adapter 447 + Switch-mode power adapter 400

seca 813 bt*

Digital flat scale with bluetooth interface and high capacity

+ Solid steel frame, up to 200 kg capacity

+ Non-slip rubber base for safe standing during measuring

+ Large LCD figures for easy reading

+ Transmits weight via Bluetooth®

+ Compatible with Google Fit and Apple Health for simple weight trend tracking

Capacity	200 kg / 440 lbs
Graduation	100 g / 0.2 lb
Functions	Auto-HOLD, kg/lbs switch-over, tap-on automatic switch-on, automatic switch-off
Interface	Bluetooth®

*seca 813 bt is only available in certain countries.

seca 813

High capacity digital flat scale for individual patient use

+ Solid steel frame, up to 200 kg capacity

+ Non-slip rubber base for safe standing during measuring

+ Large LCD figures for easy reading

+ Step-off function for weighing without switching on scale

Capacity	200 kg / 440 lbs
Graduation	100 g / 0.2 lb
Functions	Auto-HOLD, kg/lbs switch-over, Step-off, tap-on automatic switch-on, automatic switch-off

Possible combination

seca 869 / 874 / 876 / 874 dr, seca 217, seca 437 and seca 414

Mobile measuring and weighing system for schoolchildren and adults

+ Combined measuring and weighing of schoolchildren and adults

+ Digital flat scale and stadiometer with adapter element practically stowed in a spacious carrying case

seca 762   seca 760

seca 807

Digital personal scale with extra-flat dimensions

+ Four-cell weighing technology for extra flat construction

+ Step-off function for weighing without needing to switch on the scale

+ Safety glass construction offers high impact and shock resistance

+ Large, easy-to-read 28 mm LCD digits

Capacity	150 kg / 330 lbs
Graduation	100 g / 0.2 lb
Functions	Auto-HOLD, kg/lbs switch-over, tap-on automatic switch-on, Step-off, automatic switch-off

The extra flat dimensions make stepping onto this scale easy and comfortable.

seca 803

Digital flat scale with high-quality two-component rubber surface

+ Two-component rubber coating offers comfort while standing on the scale

+ Four stable rubber feet provide a stable feeling

+ Large, easy-to-read 28 mm LCD digits

+ Optionally available in black or white

Capacity	150 kg / 330 lbs
Graduation	100 g / 0.2 lb
Functions	Auto-HOLD, kg/lbs switch-over, tap-on automatic switch-on, automatic switch-off
Accessories	+ Carrying case seca 415
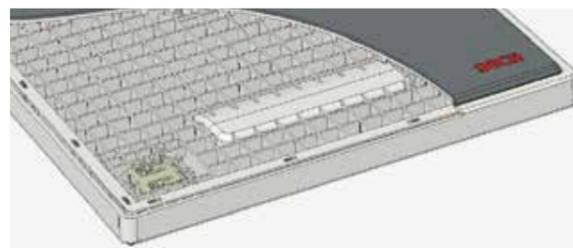
Even the basic model is complex in design and robustly ribbed for a secure stance during the weighing process.

seca 762 / 760

Mechanical flat scale with large dial

+ Robust construction

+ Large, easy-to-read circular scale

+ Large, non-slip mat

+ Precise and durable

+ Clip fixation system for easy rubber-mat exchange

+ Galvanized mechanics

+ seca 760 available in various modern colors

	seca 762	seca 760
Capacity	150 kg or 320 lbs or 150 kg / 320 lbs	150 kg or 320 lbs
Graduation	500 g or 1 lb or 500 g / 1 lb	1 kg or 1 lb
Functions	Reset-to-zero function	

seca 760 is available in various modern colors.

seca 750

Robust mechanical floor scale

+ Classic design with high-quality mechanical operation

+ Large, easy-to-read circular scale

+ Rugged housing made of steel with powder-coated lacquer

+ With zero point adjustment

+ Robust construction

+ Stable platform

Capacity	150 kg or 320 lbs or 150 kg / 320 lbs
Graduation	1 kg or 1 lb or 1 kg / 1 lb
Functions	Reset-to-zero function

The housing is of metal treated with powder-coated lacquer.

Height measuring systems

When the quality is right, so are the measurements.

Measuring rods and circumference measuring tapes are relatively simple devices in routine medical work – however, they still have to fulfill challenging clinical requirements. That's why seca offers non-abrasive measurement scales and parts made of distortion-resistant anodized aluminum. For quality you can feel – in devices that transmit your data at the touch of a button to the seca mBCA 514, and in headpieces that always glide smoothly into position to guarantee consistently precise measurements.

seca 274

Freestanding stadiometer with digital display

+ Digital height measurement: comfortable and precise
+ Precise head alignment by the seca Frankfurt line positioner
+ High-quality glass platform with heel plate
+ Sliding headpiece with backlit digital display
+ Leveling feet provide a very stable base
+ Transmit measured data directly to a seca mBCA 514

Measuring range	30 – 220 cm / 11" – 7 ft 2"
Graduation	1 mm / 1/8"
Functions	HOLD, cm/inch switch-over, user-defined zero setting, automatic switch-off, SEND

The Frankfurt line positioner, which is offered only by seca, makes sure the patient's head is in exactly the right position.

The leveling feet provide a stable base, even on uneven surfaces.

seca 264

Wall-mounted stadiometer with display on the headpiece

+ Digitally measures small children and adults

+ Precise head alignment by the seca Frankfurt line positioner

+ Backlit LCD display in headpiece

+ Non-slip rubber mat with heel positioner

+ Transmit measured data directly to a seca mBCA 514

Measuring range	30 – 220 cm / 11" – 7 ft 2"
Graduation	1 mm / 1/8"
Functions	HOLD, cm/inch switch-over, user-defined zero setting, automatic switch-off, SEND

The backlit display on the headpiece is very easy to read.

The easy-to-clean mat of the seca 264 puts the patient's feet in the right position and gives the patient a feeling of safety and comfort.

seca 217

Stable stadiometer for mobile height measurement

+ Parts fit together perfectly for easy transport

+ Wall spacer for additional stability

+ Robust platform for secure stance

+ Includes heel positioner for optimal three-point height measurement

+ Adapter element seca 437 for combination with a flat scale

Measuring range	20 – 205 cm or 20 – 205 cm / 8" – 6 ft 9"
Graduation	1 mm or 1 mm / 1/8"
Accessories	+ Adapter element seca 437 (for combination with flat scale seca 869, seca 874, seca 874 dr or seca 876)
	+ Carrying cases seca 412 or seca 409 / seca 414 (for combination with scale and adapter element)
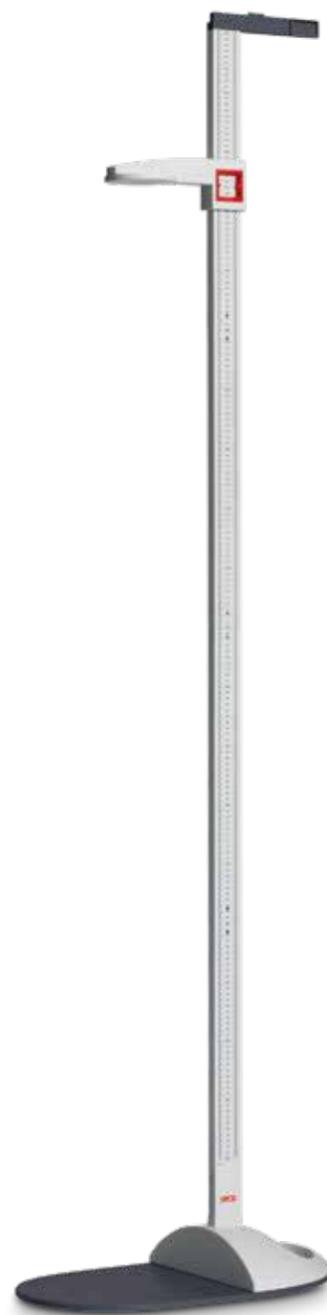
The adapter element seca 437 connects the stadiometer to a flat scale.

The wall spacer provides extra stability and ensures precise measurement results.

The robust base plate guarantees a sturdy stance.

seca 213

Portable stadiometer

+ Simple and easy to set up – no wall fastening necessary

+ Large floor plate ensures stability

+ Includes heel positioner for ideal three-point measurement

+ The measuring rod can be dismantled and stored securely in the base for easy transport

Measuring range	20 – 205 cm or 20 – 205 cm / 8" – 6 ft 9"
Graduation	1 mm or 1 mm / 1/8"
Accessories	+ Carrying case seca 412

The integrated handle and securely locking parts make the stadiometer easy to carry.

Large base for patient stability.

seca 222

Mechanical telescopic measuring rod with large measuring range

+ Telescopic, durable aluminum measuring rod with large measurement range up to 230 cm

+ Includes heel positioner for ideal three-point measurement

+ Developed for wall installation

Measuring range	6 – 230 cm or 6 – 230 cm / 2 – 90"
Graduation	1 mm or 1 mm / 1/8"

The foot positioner ensures exact positioning and precise measurements.

seca 216

Mechanical measuring rod for children and adults

+ Easy-to-read measurement scale
+ Adjustable head positioner
+ Choice of two units of measurement
+ Simple assembly

Measuring range	max. 138 cm / 55.3" selectable from 3.5 – 230 cm / 1.4 – 90"
Graduation	1 mm / 1/16"

Whether for children or adults – the measuring range can be adjusted as needed.

The graduation index can be fixed in place with the locking screw.

seca 206

Mechanical measuring tape

+ Space-saving, roll-up mechanism
+ Simple read-out of results through display window
+ Durable tape made of metal

Measuring range	0 – 220 cm or 0 – 87"
Graduation	1 mm or 1/8"

The wall-mounted roll measuring tape is particularly space-saving and allows for quick and easy measuring.

seca 203

Ergonomic circumference measuring tape with extra Waist-To-Hip-Ratio calculator (WHR)

+ Retractable measuring tape for precise body measurements
+ WHR calculator for quick determination of body fat distribution
+ WHR scale of metal for long life

Measuring range	0 – 205 cm or 0 – 80"
Graduation	1 mm or 1/8"
Function	WHR calculator

The seca 203 circumference measuring tape also has a scale that determines the waist-to-hip ratio (WHR).

seca 201

Ergonomic circumference measuring tape

+ Retractable measuring tape for precise body measurements
+ Printed scale on side makes results easy-to-read
+ Convenient one-handed operation fasten start of tape to retraction mechanism
+ Compact and easy to store

Measuring range	0 – 205 cm or 0 – 80"
Graduation	1 mm or 1/8"

Handrail scales

Firm support for safe weighing.

Handrail scales from seca offer every patient a secure grip and are the best fall prevention when weighing. They are designed to be easily accessible and to weigh precisely, no matter where and how the patient is supported. Safe access and support options simplify workflows and save staff the hassle of careful positioning of the patient or adjustments to the scale before weighing. Practical features such as transport wheels and folding functions make the large scales transportable and stowable.

seca Scale-up Line

EMR-validated handrail scale with ID-Display™ and optional height measurement

+ Display shows user and patient names or IDs for increased patient safety

+ Data transmission controlled by touchscreen

+ Safe weighing with a stable handrail

+ Lightweight, sophisticated design and extremely robust thanks to steel handrail that is directly attached to the cast iron pedestal

+ Large platform made of tested seca Bearclaw Glass® for absolute breakage resistance and perfect hygiene

+ Optional: Precise, fast and hands-free height measurement with modern ultrasonic technology

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

seca.com/scaleup

EMR))

Bearclaw
Glass®

Image contains optional barcode scanner mount seca 463 and barcode scanner from a third-party vendor.

Order code **ON SHM INT NN**

+ Flat scale seca 654
+ Handrail seca 455

The displayed user and patient name offer greater control and increases patient safety.

EMR))

Image contains optional barcode scanner mount seca 463 and barcode scanner from a third-party vendor.

Order code **ON SHM IUT NN**

+ Flat scale seca 654
+ Handrail seca 455
+ Ultrasonic height measurement seca 257

Bearclaw
Glass®

GERMAN DESIGN AWARD
WINNER 2020

Scale

Scale	
Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	Display of user and patient name or ID, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, kg/lbs switch-over, cm/inch switch-over, damping, standby mode, Wi-Fi, Ethernet, SEND
Accessories	+ Ultrasonic height measurement seca 257 + Ultrasonic height measurement (short) seca 257 sh + Animal sticker seca 487 + Panda seca 459 (only for versions without height measurement) + Barcode scanner mount seca 463

Ultrasonic height measurement

Ultrasonic height measurement	
Measuring range seca 257	100 – 220 cm / 3 ft 3" – 7 ft 2"
Measuring range seca 257 sh	100 – 200 cm / 3 ft 3" – 6 ft 7"
Graduation	1 mm / 1/8"
Functions	Automatic calibration

Order code **ON SHM IVT NN**

+ Flat scale seca 654
+ Handrail seca 455
+ Ultrasonic height measurement (short) seca 257 sh

Illuminated LED footprints in the weighing platform show patients the correct standing position for accurate height measurement.

Nearly effortless transport with extremely robust rubber wheels.
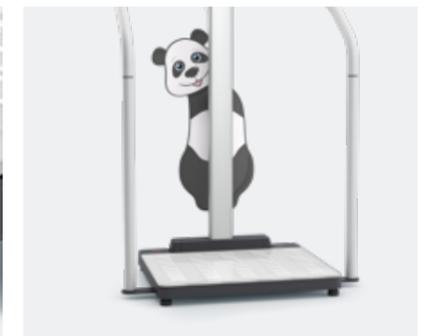
With the cuddly panda seca 459 weighing is playful and fun for children.

seca 684

EMR-validated multifunctional scale

+ Safe weighing of standing, sitting or wheelchair patients
+ Large, easy to access platform
+ Wheel barrier provides extra safety
+ Integrated fold down seat
+ Easy to read display
+ Mobile due to integrated transport wheels
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Patient can stand or sit when being weighed.

The rotating display can be oriented towards the patient or medical personnel.

Thanks to the ramp, wheelchairs can be wheeled on with ease and comfort.

| Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping
Accessories	+ Interface module seca 452

seca 644

EMR-validated handrail scale with generous platform

+ Safe weighing due to sturdy handrail
+ Large non-slip platform with 360 kg capacity
+ Swiveling display
+ With a BMI calculator and damping system
+ Mobile due to transport wheels
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Image contains optional measuring rod seca 223.

Scale

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, automatic switch-off, kg/lbs switch-over, damping
Accessories	+ Interface module seca 452 + Measuring rod seca 223

Measuring rod seca 223 (optional)

Measuring range	6 – 230 cm or 6 – 230 cm / 2 – 90"
Graduation	1 mm or 1 mm / 1/8"

The display can be rotated in every direction.

Because the handrail is part of the weight sensitive area, measurements are absolutely sure even if the patient supports himself on it.

Wheelchair scales

Remove barriers with wheelchair scales from seca.

Weighing immobile patients can be a complicated process, but it doesn't have to be. The weighing solutions from seca offer the possibility of weighing patients in wheelchairs or even in hospital beds. The low-level, generously dimensioned platforms with ramps and other innovative functions guarantee comfortable, effortless and precise weighing.
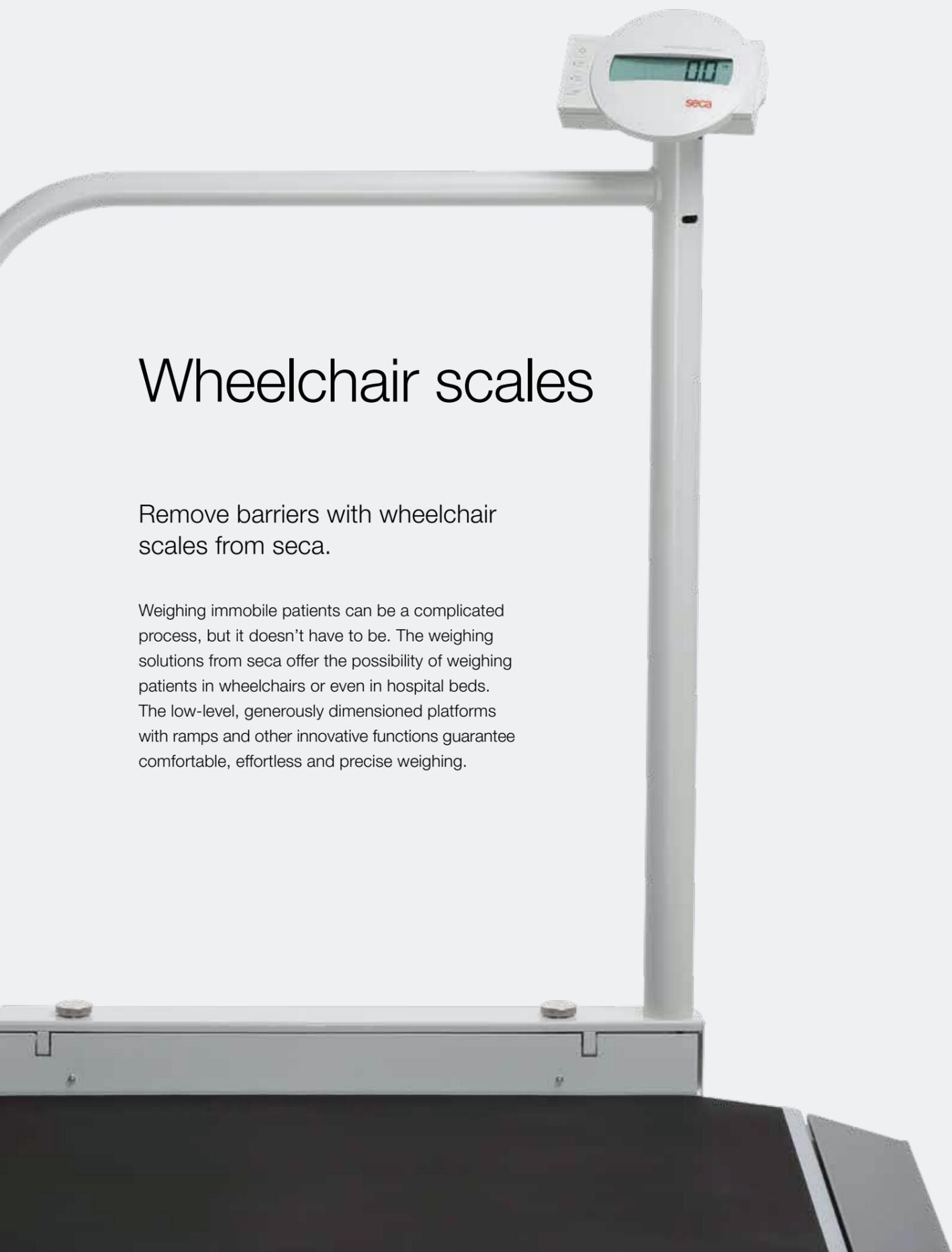
seca 676

EMR-validated wheelchair scale with handrail and transport wheels

+ Large wheelchair accessible platform
+ Convenient and foldable to save space
+ Mobile due to transport wheels
+ Handrail as a standing aid
+ Non-slip rubber mat
+ Two ramps included
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

The scale can be folded for easy transport.

Integrated ramps on both sides allow for the safe and comfortable operation with a wheelchair.

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping
Accessories	+ Interface module seca 452

seca 664

EMR-validated electronic wheelchair scale

+ Side rails on the platform ensure safe rolling of a wheelchair onto and from the scale

+ High capacity of up to 360 kg

+ Flat platform with self-lowering ramps

+ Two ramps included

+ Easy to fold together and transport

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

reddot design award

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping, automatic switch-off
Accessories	+ Interface module seca 452

The platform's side rails keep a wheelchair safe and secure.

The seca 664 simply folds up and moves easily across the floor on wheels.

146.5 cm

seca 656

EMR-validated electronic platform scale with innovative memory function

+ Especially spacious platform for all common wheeled systems

+ Stable construction with very high capacity

+ Transportable due to wheels and integrated handles

+ Two ramps included

+ Innovative memory function for determining precise weight of patient

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

The seca 656 can determine weight without requiring the patient to leave the bed or stretcher.

Due to the wheels and integrated handles, the seca 656 can be easily stowed away to save space.

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, kg/lbs switch-over, damping
Accessories	+ Interface module seca 452
	+ Stand for cable remote display seca 472

Accessory seca 472

Stand for cable remote display

+ Stable solution for cable remote display of the scales seca 634, seca 656 and seca 674

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seca 674

EMR-validated electronic platform scale

+ Generously sized platform with high capacity of up to 360 kg

+ Flexible cable remote display with 2.3 m cable length

+ Suitable for weighing persons in a wheelchair or on a chair

+ Transport wheels and integrated handles for mobile use

+ Includes ramp for easy rolling onto the scale

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, kg/lbs switch-over, damping
Accessories	+ Interface module seca 452
	+ Stand for cable remote display seca 472

Chair scales

Competence takes the chair.

How can you gently and carefully weigh bedridden patients or people who are unsteady on their feet? The best choice is a seca chair scale, which you can take directly to the patient. That saves you – and nursing staff – from unnecessary steps.

EMR))

seca 954

EMR-validated chair scale with precise graduation

+ 50 g graduation for exact measurement while sitting

+ Fold-up arm and footrests for easy access

+ Ergonomic seat for increased patient comfort

+ Sophisticated engineering and robust construction for a long lifespan

+ Suitable for patients affected by obesity with up to 300 kg weighing capacity

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

With its exceptionally high capacity of up to 300 kg, the BMI function and options to use mains or battery power, the chair scale seca 954 is ideal for use in any situation.

The large footrests can be folded completely out of the way so that the patient can safely and comfortably take a seat.

Capacity	300 kg / 660 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, kg/lbs switch-over, damping, automatic switch-off
Accessories	+ Interface module seca 452 + Battery for longer mobile use seca 454

seca 952

Chair scale for weighing while seated

+ The simple solution for patients with decreased mobility

+ Fold-up arm and footrests make sitting down easy

+ Ergonomic seat for increased patient comfort

+ Wheels include brakes to ensure the scale stays in place when needed

+ Intuitive user interface simplifies use

+ Offers all essential functions for maximum efficiency

The seca 952 runs on batteries for mobile use and offers a capacity of up to 200 kg.

The footrests can be folded away to make it easier for patients to stand up and sit down.

Capacity	200 kg / 440 lbs
Graduation	100 g / 0.2 lb
Functions	TARE, Auto-HOLD, kg/lbs switch-over, automatic switch-off

Specialized scales

Small size, big help.

As a specialist for medical measuring and weighing, seca naturally offers solutions for special applications. For instance, the splash-protected organ and diaper scale and the extremely precise portion and diet scale for clinical nutritionists.

seca 856

Digital organ and diaper scale with stainless steel cover

+ Complete stainless steel-surface reduces contamination

+ Easy to clean and disinfect

+ Scale completely sealed from moisture

+ Pre-TARE function for permanent use with the container of your choice

+ Increase in metal housing protects display from liquid

Capacity	5 kg / 11 lbs
Graduation	1 g < 3 kg > 2 g / 0.05 oz < 6.6 lbs > 0.1 oz
Functions	TARE, Pre-TARE, HOLD, kg/lbs switch-over automatic switch-off

The stainless steel surface is tough and easy to clean.

seca 852

Digital portion and diet scale

+ Gram-precise display for the accurate weighing of food

+ Scale can be stowed in compact bowl

+ Food-safe plastic bowl is easy to clean

+ High 3,000 gram capacity

+ With TARE function

Capacity	3 kg / 6.6 lbs
Graduation	1 g / 0.05 oz
Functions	TARE, kg/lbs switch-over, automatic switch-off

The fine graduation of just one gram permits precise weighing.

The scale can be conveniently stored within the compact bowl.

BODY COMPOSITION

See more than just weight and height –
the validated BIA solution for medical use.

Height and weight alone are not enough when it comes to taking a deeper look at body composition. After all, what about the proportions of fat, muscle or water? These are important parameters to support diagnosis and therapy. That's exactly why we at seca developed medical Body Composition Analyzers which provide all of these values and have been validated[1,2] against the medical science gold standard: this makes it possible to determine the fat mass, visceral fat, extracellular and intracellular water and skeletal muscle mass with medical precision. In short: The seca mBCA devices are innovative instruments to support diagnosis and therapy control and enable successful patient consultations.

[1] Quantification of whole-body and segmental skeletal muscle mass using phase-sensitive 8-electrode medical bioelectrical impedance devices. Bosy-Westphal A, Jensen B, Braun W, Pourhassan M, Gallagher D, Müller MJ. Eur J Clin Nutr. 2017 Mar 22. doi: 10.1038/ejcn.2017.27
[2] What makes a BIA equation unique? Validity of eight-electrode multifrequency BIA to estimate body Composition in a healthy adult population. Bosy-Westphal A, Schautz B, Later W. Kehayias JJ, Gallagher D, Müller MJ. Eur J Clin Nutr 2013; 67: 14-21; doi: 10.1038/ejcn.2012.160

Medical Body Composition Analyzers

Where BMI ends, the seca medical
Body Composition Analyzers begin.

seca mBCA 514

Medical Body Composition Analyzer for determining body composition while standing

+ Unique accuracy through whole body MRI validation and 4C model

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

+ Validation studies are bundled and published in the European Journal of Clinical Nutrition 2013/2017, among others

+ Measuring time is only 17 seconds

+ Possible to evaluate the measurement directly on the monitor

+ Quick to understand and clear graphics with normal ranges

+ Easy-to-use, 360° rotatable touchscreen

+ Extra-large platform: Enough space even for extremely tall people or people affected by severe obesity

+ Scientific mode may be selected, ideal for studies, science and teaching

+ Three handle options for finer graduation of arm posture and measurement height

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

mbca.seca.com

Capacity	300 kg / 660 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb
Display type	8.4" 360° rotatable touchscreen
Connectivity	Ethernet
Ports	USB 2.0
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Measurement duration	17 seconds
Software	seca analytics 115

Hand-held electrodes prevent measurement errors and ensure that results are always reproducible.

The large, easy-access, fast-cleaning, safety glass weighing platform is suitable for use by patients weighing up to 300 kg.

seca mBCA 554

Medical Body Composition Analyzer with optional ultrasonic height measurement

+ 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 published in the European Journal of Clinical Nutrition 2013/2017, among others

+ Measuring time is only 24 seconds

+ Graphics which are fast and easy to understand with normal ranges

+ The evaluation uses seca analytics 125 software

+ Foot-mounted LEDs embedded in the platform show the various positions and give patients a sense of safety and orientation

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

seca.com/554

mBCA

Capacity	360 kg / 800 lbs
Graduation	50 g / 0.1 lb
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
Required accessory	+ BIA handrail seca mBCA 550
Accessories	+ Ultrasonic height measurement seca 257
	+ Ultrasonic height measurement (short) seca 257 sh
	+ Children's grip electrodes seca 457
	+ Animal sticker seca 487
	+ Panda seca 459
	+ Barcode scanner mount seca 463

Ultrasonic height measurement

Measuring range seca 257	100 – 220 cm / 3 ft 3" – 7 ft 2"
Measuring range seca 257 sh	100 – 200 cm / 3 ft 3" – 6 ft 7"
Graduation	1 mm / 1/8"
Functions	Automatic calibration

The children's grip electrodes allow for the medically precise determination of the body composition of little patients as well.

Order code ON IHM IUT NN

+ BIA platform seca mBCA 554
+ BIA handrail seca mBCA 550
+ Ultrasonic height measurement seca 257

Order code ON IHM IVT NN

+ BIA platform seca mBCA 554
+ BIA handrail seca mBCA 550
+ Ultrasonic height measurement (short) seca 257 sh

seca mBCA 554 is only available in certain countries.

Order code ON IHM INT NN

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

The illuminated footprints embedded in the glass platform show patients exactly where to stand. The display immediately indicates whether the electrodes have made contact and the measurement can start.

EMR))

seca mBCA 525

Medical Body Composition Analyzer for determining body composition in a lying position

+ Specially designed and validated for mobile medical use

+ Patented measuring mat: BIA in supine position is finally comfortable, precise and easy

+ Lightweight and robust touchscreen monitor allows for direct evaluation

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

+ Validation studies are bundled and published in the European Journal of Clinical Nutrition 2013/2017, among others

+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

mbca.seca.com

Weight	3 kg / 6.6 lbs
Dimensions (W x H x D)	252 x 262 x 230 mm / 9.9 x 10.3 x 9.1"
Electrode type	Adhesive electrodes (PVC-free)
Display type	7" touchscreen
Connectivity	Wi-Fi, Ethernet
Ports	USB 2.0
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Frequencies	9
Measured data storage	Up to 100,000 measurements
Measurement duration	30 seconds
Software	seca analytics 115
Accessories	+ Rolling stand seca 475 + Basket seca 490 0019 for stand + Carrying case seca 432
Consumables	+ Single-use electrodes 490 0020

The correct placement of the electrodes is illustrated on the measuring mat. Each measurement can only begin after an automatic electrode test.

The electrodes have an Easy Snap™ mechanism and can be quickly connected with the adhesive electrodes without applying any pressure.

Accessory seca 475

Rolling stand for mobile use

Image contains optional basket seca 490 0019.

+ Easy mounting of the seca mBCA 525 for mobile clinical use

+ Convenient, height-adjustable and equipped with additional storage basket for documents, scanner or electrodes

seca mBCA Software

Do more with your measurement results.

With our software solutions, you can professionally document seca mBCA measurement results, evaluate them and illustrate any changes in body composition. Specific graphics adapted to everyday clinical practice play an integral role in patient motivation, diagnosis, consultation and treatment planning.

Make the body composition visible

The parameter models developed in collaboration with medical users provide a quick overview of individual nutritional status and help to immediately recognize functional disorders. In addition, parameter models used to answer specific questions can be individually compiled (such as for optimal treatment support in sarcopenia).

The cloud software that fits your needs

The software provides fast and secure access to all current and previously collected measurements even from home or on-the-go. Thanks to the new cloud-based software delivery, all administrative IT issues are taken care of for you. This frees up your time so you can fully concentrate on your clinical or medical work. Your data is securely stored and protected from data loss and third-party access. Stay up-to-date on research and science and benefit from the software's continued maintenance and ongoing development.

All examination results for each patient can be compiled into a PDF of one or more pages. The findings can be customized for individual consultations.

mBCA	seca mBCA 514	seca mBCA 554	seca mBCA 554	seca mBCA 525
Software	seca analytics 115	seca analytics 125	seca analytics 125	seca analytics 115
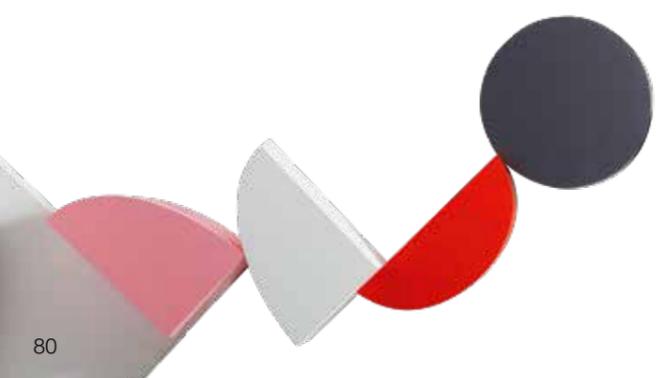
INTEGRATION

Ready for the hospital of the future –
all measured data is instantly available
in the electronic medical record.

Digital processes in everyday hospital life not only save
costs and time, above all else, they increase patient safety.
Transcription errors such as transposed numbers, comma
errors or swapped patient names can lead to serious drug
dosing inaccuracies in the worst case[1,2]. At best, they're
just an additional burden for the personnel and a cause of
inefficient work processes (lost measurement results, dupli-
cate measurements). seca integration solutions eliminate
a large part of the manual transmission errors from the
outset, effectively relieve personnel and help to ensure a
zero incident environment.

[1] Preventing pediatric medication errors (2008). In: Sentinel Event Alert, 39, pp. 1-5
[2] Authority, P. P. S. (2009): Medication errors: significance of accurate patient weights.
  Pennsylvania Patient Safety Advisory, 6(1), pp. 10-15.

seca integration solutions

All measuring results are immediately sent to the Electronic Medical Record (EMR).

With our seca integration solutions, you are sustainably equipped to make work processes more efficient and, above all, safer. seca is the only scale provider that can completely integrate encrypted height, weight and other vital signs into the Electronic Medical Record (EMR).

All integration advantages at a glance

+ **Patient safety**

  Transmission errors and resulting medication inaccuracies are a thing of the past.

+ **User safety**

  The new workflow gives users a sense of security and provides relief. Manual transmission errors are reduced and duplicate measurements caused by missed or lost data are avoided.

+ **Central data availability**

  Correct patient data is provided centrally in real time and may, for example, be retrieved in the hospital from each station.

+ **Future security**

  With the integration of weight and height, you're one step closer to full system integration. You save money, increase process reliability and show your patients what modern measuring and weighing can look like.

What only seca can offer you

+ **Data integration**

  To integrate seca devices into your digital processes, we support established and validated exchange formats (such as HL7, JSON, CSV, XML) and also provide validated system solutions for partner companies like Cerner.

+ **Wireless connection**

  seca devices are integrated into existing network infrastructures using secure authentication methods (such as TLS encryption).

+ **Scalable integration platform**

  seca devices are integrated, managed and monitored via a central gateway. In addition, software updates can be automatically imported from a central point to connected devices.

+ **Data security**

  Encrypted communication between devices and the server protects sensitive patient data.

+ **User friendly**

  We contribute not only our equipment and technical expertise. You also benefit from our experience and expertise in efficiently implementing integration projects. We never lose sight of your needs and technical requirements.

+ **Everything from one place**

  Hardware and software come centrally and directly from seca.

+ **We're here to help**

  Our integration team accompanies and supports you from the beginning to going live and beyond. Specially developed questionnaires and documentation templates enable a successful project flow.

+ **Maintenance and support**

  Continuous maintenance and further development of the software as well as competent contact partners in worldwide support.

Simple and secure: workflow with seca integration solutions

We offer you a variety of workflows that fit perfectly into your daily routine.
The example shows you the process of integrating scales and measuring stations in a hospital.

1 Identify user

2 Identify patient

3 Measure weight and height

4 Send measurement results to your EMR system at the touch of a button

5 Green LEDs confirm data integration

6 Secure integration into your EMR system

seca integration solutions are only available in certain countries.

We make complex matters simple

In order for weight and height to be smoothly integrated in the electronic medical record, the EMR system, network infrastructure and your seca products need to be coordinated and they need to "understand" each other. That's exactly what the seca integration solution makes possible with the use of seca software. In the process, our software just runs in the background. The seca scale or measuring station controls the transmission of measuring results and also displays the successful transmission.

| Station A | Station B | Station C |

Patient and user identification | Measured data

Wi-Fi | Ethernet

seca software

Patient and user identification | CareAware VALIDATED | Measured data

HL7

Electronic Medical Record (EMR)
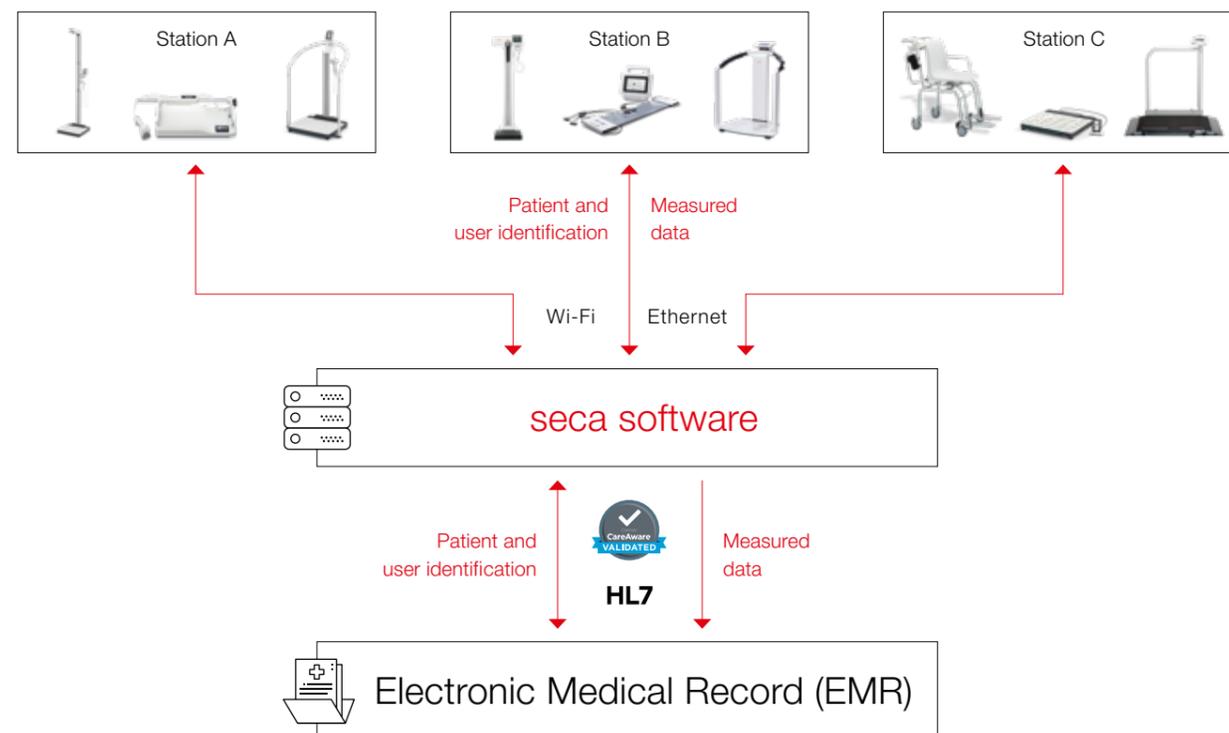
EMR-validated seca products

EMR))

Baby scales	Measuring stations	Column scales	Flat scales
seca 727	seca Scale-up Line	seca 703 / 703 s	seca 650
seca 333 i	seca 286	seca 797	seca 634
	seca 284	seca 787	

Handrail scales	Wheelchair scales	Chair scales	mBCA
seca Scale-up Line	seca 676	seca 954	seca mBCA 514
seca 684	seca 664		seca mBCA 554
seca 644	seca 656		seca mBCA 525
	seca 674		

Professional project management with the seca integration team

No two medical facilities are alike. So that EMR integration is perfectly matched to your IT system and your workflows, we adapt the integration project to your respective requirements and needs. For this purpose, seca has developed a three-stage project management process that will surely lead you to successful EMR integration.

1. Preparation
We present you with the comprehensive possibilities of seca integration solutions and would love to give you a live demonstration. Our team takes the time to understand your challenges and technical requirements.

2. Implementation
At the beginning of the project, we set up schedules and checklists that are tailored to your challenges. Afterwards, the different integration steps will be accompanied and executed by our team.

3. Going live and service
Before integration goes live, all processes are thoroughly tested by our specialists. Our service doesn't end once the system goes live. User trainings, worldwide service and software updates offer an allround worry-free package.

Integration in all EMR systems

For customers who already work with Cerner, our integration solution is particularly easy since it has been validated for Cerner CareAware VitalsLink™.

CareAware VALIDATED

In the steadily growing EMR market, we also offer solutions for many other systems. Contact our experienced team of experts for your individual system integration solution.

"Our competent and experienced team of integration specialists works according to a continuously optimized process that guarantees a safe, effective and satisfactory project flow for customers.
The understanding of individual workflow requirements, the polling of technical requirements, the timely implementation and the expert support, remote or on-site, characterize the success of our work."

Dr.-Ing. Richard Mietz
Team Manager Integration Solutions International
seca gmbh & co. kg, Hamburg, Germany

Free consultation

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seca asia pacific

integration.seca.com

SERVICE

Maintenance, spare parts, software support: pre- and post-sales service from seca ensures your hospital or practice run smoothly.

seca accompanies you throughout all areas of service before and after your purchase: whether it be product demonstrations, phone service or software support. We ensure you are never left alone guaranteeing a smooth-running operation in your hospital or practice. That's what we stand for with our award-winning and certified service.

How our seca service brings you relief

Distinguished worldwide—developed for your needs: our seca service.

Award-winning seca service not only ensures the installation and integration of our products. We also offer customized services worldwide, like our repair service, our calibration and adjustment service or customized product and interpretation trainings.

seca product demonstration

Would you like a comprehensive consultation to help you choose the right seca product? No problem! seca regional sales specialists or our seca partners will gladly come to your business and show you the seca models you selected.
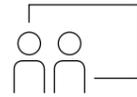
seca product trainings

We make you into a seca professional. We train you and your staff on the practical use of your seca product – with our BIA devices, among other things, in the interpretation of parameters. And that with a focus on your individual medical specialty.

seca integration solutions

seca takes care of the complete integration of your seca devices into your EMR system. After a detailed analysis of the status quo of your digital infrastructure, we'll accompany the integration up to the first transmission of readings and beyond with regular software updates and the maintenance of your device.

seca repair service

We repair scales of all manufacturers quickly, easily and inexpensively including packaging. You'll get your scale back within a matter of days!

seca calibration service

The seca calibration service package includes all services related to maintenance, calibration, adjustment and disinfection of your scales – including a recalibration success guarantee.

Certified
quality management system

TÜV SÜD   TÜV SÜD

Award-winning
services

KVD Bundesverband
Deutschland e.V.
Best Service
1st Prize
Service Management Award 2014

iF
DESIGN
AWARD
2016

Proven
Expert

Free consultation

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seca.com/service

Baby scales

	seca 727	seca 333 i	seca 374	seca 334	seca 354 m	seca 354	seca 725	seca 310
	CE 0123	CE 0123	CE 0123	CE 0123	CE	CE	CE 0123	CE 0123
	EMR-validated baby scale with very precise graduation	EMR-validated baby scale with Wi-Fi function	Baby scale with extra large weighing tray	Digital baby scale with practical handle for mobile medical use	2-in-1 mobile baby scale and flat scale for toddlers	2-in-1 mobile baby scale and flat scale for toddlers	Mechanical baby scale with sliding weights	Mechanical circular dial scale for weighing babies in a sling seat suspended under the scale
	Page 9	Page 11	Page 12	Page 13	Page 14	Page 14	Page 15	Page 15
TECHNICAL DATA								
Capacity	20 kg / 44 lbs	20 kg / 44 lbs	20 kg / 44 lbs	20 kg / 44 lbs	20 kg / 44 lbs	20 kg / 44 lbs	16 kg	25 kg / 55 lbs
Graduation	1 g < 6 kg > 2 g 0.1 oz	5 g / 0.2 oz	5 g < 10 kg > 10 g 0.2 oz < 22 lbs > 0.5 oz	5 g < 10 kg > 10 g 0.2 oz < 22 lbs > 0.5 oz	5 g < 10 kg > 10 g 0.2 oz < 22 lbs > 0.5 oz	5 g < 10 kg > 10 g 0.2 oz < 22 lbs > 0.5 oz	10 g	50 g / 2 oz
Dimensions (W x H x D)	551 x 151 x 320 mm 21.7 x 5.9 x 12.6"	650 x 110 x 308 mm 25.6 x 4.3 x 12.1"	620 x 190 x 358 mm 24.4 x 7.5 x 14.1"	638 x 105 x 300 mm 25.1 x 4.1 x 11.8"	552 x 156 x 332 mm 21.7 x 6.1 x 13.1"	552 x 156 x 332 mm 21.7 x 6.1 x 13.1"	550 x 180 x 290 mm 21.7 x 7.1 x 11.4"	220 x 225 x 52 mm 8.7 x 8.9 x 2"
Dimensions tray (W x H x D)	540 x 110 x 250 mm 21.3 x 4.3 x 9.8"	645 x 40 x 290 mm 25.4 x 1.6 x 11.4"	615 x 130 x 275 mm 24.2 x 5.1 x 10.8"	595 x 50 x 255 mm 23.4 x 2 x 10"	525 x 80 x 250 mm 20.7 x 3.1 x 9.8"	525 x 80 x 250 mm 20.7 x 3.1 x 9.8"	550 x 110 x 270 mm 21.7 x 4.3 x 10.6"	
Dimensions platform (W x H x D)					280 x 65 x 235 mm 11 x 2.6 x 9.3"	280 x 65 x 235 mm 11 x 2.6 x 9.3"		
Weight	7.1 kg / 15.7 lbs	3.7 kg / 7.7 lbs	3.6 kg / 7.9 lbs	2.8 kg / 6.2 lbs	2.3 kg / 5 lbs	2.3 kg / 5 lbs	6.4 kg / 14.1 lbs	1.5 kg / 3.4 lbs
Power supply	Power adapter, rechargeable batteries	Power adapter, batteries	Batteries, power adapter optional	Batteries, power adapter optional	Power adapter, batteries	Batteries		
FUNCTIONS								
TARE	●	●	●	●	●	●		
BMIF		●	●	●	●	●		
HOLD	●	●						
Auto-HOLD	●	●	●	●	●	●		
kg/lbs switch-over	●	●	●	●	●	●		
Auto weighing range switch-over	●							
Damping	●	●	●					
Reset-to-zero function							●	●
Acoustic signals can be activated	●	●	●					
RESET	●	●	●					
Automatic switch-off	●	●	●	●	●	●		
Confirm button		●	●					
Wi-Fi	optional with seca 452	●						
Ethernet	optional with seca 452							
Integrated measuring tape	●							
ACCESSORIES								
Interface module	seca 452							
Mobile cart	seca 403, seca 402	seca 403, seca 402	seca 403, seca 402	seca 403, seca 402	seca 403, seca 402	seca 403, seca 402		
Measuring rod		seca 234, seca 232 n	seca 233	seca 232				
Measuring board/mat					seca 417, seca 210	seca 417, seca 210		
Power adapter			447, 400	447, 400				
Sling seat								seca 410
Carrying case		seca 428		seca 428	seca 413, seca 414	seca 413, seca 414		seca 411
Backpack					seca 409, seca 431	seca 409, seca 431		
Battery for longer mobile use	seca 454	seca 454						
AREAS OF APPLICATION								
Mobile weighing		●			●	●		●
EMR-VALIDATED								
to any EMR system	●	●						

Accessories for baby scales

	seca 403	seca 402	seca 234	seca 232 n	seca 233	seca 232
	Cart for mobile support with customized indentations for baby scales seca 727, seca 374, seca 333 i, seca 334 and seca 354 m / 354	Cart for mobile support with customized indentations for baby scales seca 727, seca 374, seca 333 i, seca 334 and seca 354 m / 354	Digital measuring rod for baby scale seca 333 i	Analog measuring rod for baby scale seca 333 i	Measuring rod for baby scale seca 374	Measuring rod for baby scale seca 334
	Page 9	Page 9	Page 11	Page 11	Page 12	Page 13
TECHNICAL DATA						
Maximum load	45 kg / 99.2 lbs	45 kg / 99.2 lbs				
Measuring range			35–80 cm, 35–80 cm / 14–32"	35–80 cm, 35–80 cm / 14–32"	35–80 cm, 35–80 cm / 14–32"	35–80 cm, 35–80 cm / 14–32"
Graduation			1 mm / 1/8"	1 mm, 1 mm / 1/8"	1 mm, 1 mm / 1/8"	1 mm, 1 mm / 1/8"
Graduation digital display			1 mm / 5 mm / 10 mm (configurable) / 1/8"			
Dimensions (W x H x D)	715 x 800 x 435 mm 28.1 x 31.5 x 17.1"	715 x 800 x 435 mm 28.1 x 31.5 x 17.1"	877 x 92 x 297 mm 34.5 x 3.6 x 11.7"	877 x 92 x 266 mm 34.5 x 3.6 x 10.5"	641 x 179 x 296 mm 25.2 x 7 x 11.7"	640 x 145 x 277 mm 25.2 x 5.7 x 10.9"
Diameter						
Weight	27.5 kg / 60.6 lbs	11.5 kg / 25.4 lbs	1.3 kg / 2.9 lbs	1.2 kg / 2.6 lbs	700 g / 1.5 lbs	512 g / 1.1 lbs

	seca 452	447	400	seca 454	seca 454	seca 410
	Interface module to transmit measurements to EMR systems	Power adapter for baby scale seca 374	Switch-mode power adapter for baby scale seca 374	Battery for longer mobile use of baby scales seca 727 and seca 333 i	Battery for longer mobile use of baby scales seca 727 and seca 333 i in combination with mobile carts seca 403 and seca 402	Sling seat for the circular dial scale seca 310
	Page 9	Page 12	Page 12	Page 9	Page 9	Page 15
TECHNICAL DATA						
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	50 x 40 x 75 mm 2 x 1.6 x 3"	42 x 35 x 73 mm 1.7 x 1.4 x 2.9"			300 x 450 x 300 mm 11.8 x 17.7 x 11.8"
Cable length		1.90 m / 74.8"	1.85 m / 72.8"	1.15 m / 45.2"	1.15 m / 45.2"	
Weight	180 g / 0.4 lb	310 g / 0.7 lb	155 g / 0.3 lb	345 g / 0.7 lb	345 g / 0.7 lb	134 g / 0.3 lb

	seca 428	seca 409	seca 414	seca 431	seca 413	seca 411
	Carrying case for baby scales seca 333 i and seca 334	Backpack to transport baby scales seca 354 m / 354 together with the measuring board seca 417 or the measuring mat seca 210	Case with handle and shoulder strap for baby scales seca 354 m / 354 together with the measuring board seca 417 or the measuring mat seca 210	Backpack to transport baby scales seca 354 m / 354 safely and comfortably	Carrying case for baby scales seca 354 m / 354	Carrying bag for mechanical circular dial scale seca 310
	Page 11	Page 14	Page 14	Page 14	Page 14	Page 15
TECHNICAL DATA						
Dimensions (W x H x D)	650 x 320 x 110 mm 24.8 x 13 x 4.3"	370 x 630 x 140 mm 14.6 x 24.8 x 5.5"	625 x 350 x 210 mm 24.6 x 13.8 x 8.3"	380 x 580 x 170 mm 15 x 22.8 x 6.7"	570 x 150 x 330 mm 22.4 x 5.9 x 13"	217 x 207 x 77 mm 8.5 x 8.1 x 3"
Weight	1.2 kg / 2.6 lbs	1.6 kg / 3.5 lbs	2.8 kg / 6.2 lbs	800 g / 1.8 lbs	900 g / 1.9 lbs	170 g / 0.4 lb

Pediatric measuring systems

	seca 416	seca 417	seca 210	seca 207	seca 212
	Infantometer for measuring babies and toddlers	Light, space-saving and stable measuring board also ideal for mobile use	Mobile measuring mat for babies and toddlers	Baby measuring rod with large calipers (wall mounting possible)	Measuring tape for head circumference of babies and toddlers (for measuring head circumference and symmetry)
	Page 17	Page 18	Page 20	Page 21	Page 21
TECHNICAL DATA					
Measuring range	33–100 cm, 33–100 cm / 13–39"	10–100 cm, 10–100 cm / 4–39"	10–99 cm, 10–99 cm / 4–39"	7–99 cm, 7–99 cm / 3–39"	3–59 cm, 3–59 cm / 1–23"
Graduation	1 mm, 1 mm / 1/16"	1 mm, 1 mm / 1/16"	5 mm, 5 mm / 1/4"	1 mm, 1 mm / 1/8"	1 mm, 1 mm / 1/16"
Dimensions (W x H x D)	1,105 x 165 x 402 mm 43.5 x 6.5 x 15.8"	1,109 x 115 x 333 mm 43.7 x 4.5 x 13.1"	1,250 x 140 x 300 mm 49.2 x 5.5 x 11.8"	1,042 x 120 x 288 mm 41.0 x 4.7 x 11.3"	25 x 0.2 x 663 mm 1 x 0.01 x 26.1"
Dimensions when folded (W x H x D)		577 x 115 x 333 mm 22.7 x 4.5 x 13.1"	120 x 140 x 300 mm 4.7 x 5.5 x 11.8"	1,042 x 120 x 35 mm 41.0 x 4.7 x 1.3"	
Dimensions box (W x H x D)					140 x 145 x 30 mm 5.5 x 5.7 x 1.2"
Weight	3.8 kg / 8.3 lbs	1.6 kg / 3.5 lbs	575 g / 1.3 lbs	810 g / 1.8 lbs	100 g / 0.1 lb (box)
Quantity in dispenser					15 pieces
ACCESSORIES					
Carrying case		seca 414, seca 412	seca 414		
Backpack		seca 409	seca 409		
AREAS OF APPLICATION					
Can be mounted				●	
Mobile measuring		●	●		●

Accessories for pediatric measuring systems

	seca 409	seca 414	seca 412
	Backpack to transport measuring board seca 417 or measuring mat seca 210 together with baby scales seca 354 m / 354	Case with handle and shoulder strap for measuring board seca 417 or measuring mat seca 210 together with baby scales seca 354 m / 354	Carrying case for measuring board seca 417
	Page 18	Page 18	Page 18
TECHNICAL DATA			
Dimensions (W x H x D)	370 x 630 x 140 mm 14.6 x 24.8 x 5.5"	625 x 350 x 210 mm 24.6 x 13.8 x 8.3"	686 x 427 x 56 mm 27 x 16.8 x 2.2"
Weight	1.6 kg / 3.5 lbs	2.8 kg / 6.2 lbs	650 g / 1.4 lbs

Measuring stations

	seca Scale-up Line	seca Scale-up Line	seca Scale-up Line	seca Scale-up Line	seca 286	seca 284
	EMR-validated ultrasonic measuring station with ID-Display™	EMR-validated ultrasonic measuring station with ID-Display™ and handrail	EMR-validated ultrasonic measuring station with ID-Display™ (short ultrasonic height measurement)	EMR-validated ultrasonic measuring station with ID-Display™ and handrail (short ultrasonic height measurement)	EMR-validated ultrasonic measuring station with voice guidance	EMR-validated measuring station for height and weight
	Order code: ON SMM IUT NN	Order code: ON SHM IUT NN	Order code: ON SMM IVT NN	Order code: ON SHM IVT NN		
	Page 24	Page 25	Page 25	Page 25	Page 26	Page 27
TECHNICAL DATA						
Capacity	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	300 kg / 660 lbs	300 kg / 660 lbs
Graduation	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb
Measuring range measuring rod	60–220 cm 1 ft 12"–7 ft 2"	100–220 cm 3 ft 3"–7 ft 2"	60–200 cm 1 ft 12"–6 ft 7"	100–200 cm 3 ft 3"–6 ft 7"	60–210 cm 1 ft 12"–6 ft 10"	30–220 cm 11"–7 ft 2"
Graduation measuring rod	1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"
Dimensions (W x H x D)	600 x 2,387 x 614 mm 23.6 x 94.0 x 24.2"	801 x 2,387 x 650 mm 31.5 x 94.0 x 25.6"	600 x 2,187 x 614 mm 23.6 x 86.0 x 24.2"	801 x 2,187 x 650 mm 31.5 x 86.0 x 25.6"	434 x 2,270 x 466 mm 17.1 x 89.4 x 18.3"	434 x 2,394 x 466 mm 17.1 x 94.3 x 18.3"
Dimensions platform (W x H x D)	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	430 x 60 x 365 mm 16.9 x 2.4 x 14.4"	430 x 60 x 365 mm 16.9 x 2.4 x 14.4"
Weight	22 kg / 48.5 lbs	29 kg / 63.9 lbs	21.9 kg / 48.5 lbs	28.9 kg / 63.7 lbs	16.5 kg / 36.5 lbs	16 kg / 35.3 lbs
Power supply	Power adapter	Power adapter	Power adapter	Power adapter	Power adapter	Power adapter, batteries
FUNCTIONS						
TARE	●	●	●	●		
Pre-TARE	●	●	●	●	●	●
Mother+child function	●	●	●	●	●	●
HOLD	●	●	●	●	●	●
Auto-HOLD	●	●	●	●	●	●
Auto-BMI	●	●	●	●	●	●
BFR	●	●	●	●		
CLEAR	●	●	●	●	●	●
Auto-CLEAR	●	●	●	●		
kg/lbs switch-over	●	●	●	●	●	●
cm/inch switch-over	●	●	●	●	●	●
Standby mode	●	●	●	●		
Damping	●	●	●	●	●	●
Backlighting	●	●	●	●	●	●
Acoustic signals can be activated	●	●	●	●	●	●
RESET	●	●	●	●	●	●
Calibration / automatic calibration	●	●	●	●	●	●
User-defined zero setting					●	●
SEND/Auto-SEND	●	●	●	●	●	●
Integrated measuring rod	●	●	●	●	●	●
Transport wheels					●	●
Wi-Fi/Ethernet	●	●	●	●	optional with seca 452	optional with seca 452
Patient data input						
Touchscreen	●	●	●	●		
Confirm button	●	●	●	●		
Display of user name	●	●	●	●		
Display of patient name	●	●	●	●		
Display of date of birth of patient	●	●	●	●		
INCLUDED						
Flat scale	seca 654	seca 654	seca 654	seca 654		
Ultrasonic height measurement	seca 257	seca 257	seca 257 sh	seca 257 sh		
Handrail		seca 455		seca 455		
ACCESSORIES						
Interface module					seca 452	seca 452
Handrail	seca 455		seca 455			
Barcode scanner mount	seca 463	seca 463	seca 463	seca 463		
Animal sticker	seca 487	seca 487	seca 487	seca 487	seca 487	
EMR-VALIDATED						
to any EMR system	●	●	●	●	●	●

Accessories for measuring stations

	seca 452	seca 455	seca 257	seca 257 sh	seca 463	seca 487
	Interface module to transmit measurements to EMR systems	Handrail for seca Scale-up Line for order codes ON SMM IUT NN and ON SMM IVT NN	Ultrasonic height measurement for seca Scale-up Line for order codes ON SMM IVT NN and ON SHM IVT NN	Shortened Ultrasonic height measurement for seca Scale-up Line for order codes ON SMM IUT NN and ON SHM IUT NN	Barcode scanner mount for seca Scale-up Line for all order codes	Animal sticker for seca Scale-up Line for all order codes and seca 286
	Page 26	Page 25	Page 25	Page 25	Page 25	Page 25
TECHNICAL DATA						
Measuring range			60–220 cm / 1 ft 12"– 7 ft 2" or 100–220 cm / 3 ft 3"–7 ft 2" (with handrail)	60–200 cm / 1 ft 12"– 6 ft 7" or 100–200 cm / 3 ft 3"–6 ft 7" (with handrail)		
Graduation			1 mm / 1/8"	1 mm / 1/8"		
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	801 x 1,120 x 543 mm 31.5 x 44.0 x 21.3"	173 x 2,304 x 435 mm 6.8 x 90.7 x 17.1"	173 x 2,104 x 435 mm 6.8 x 82.8 x 17.1"	76 x 75 x 152 mm 3.0 x 2.9 x 5.9"	60 x 2,346 x 0.5 mm 2.4 x 92.4 x 0.02"
Weight	180 g / 0.4 lb	7 kg / 15.4 lbs	6.5 kg / 14.3 lbs	6.4 kg / 14.1 lbs	200 g / 0.4 lb	200 g / 0.4 lb

Column scales

	seca 703	seca 703 s	seca 797	seca 787	seca 777	seca 769	seca 719	seca 700	seca 755	seca 786
	EMR-validated column scale with 300 kg capacity	EMR-validated column scale with stadiometer	EMR-validated column scale with eye-level display and Wi-Fi function	EMR-validated column scale with eye-level display	Digital column scale with eye-level display	Electronic column scale with BMI function	Column scale with four weight sensors for a stable stance	Mechanical column scale with eye-level beam	Mechanical column scale with BMI display and evaluation	Mechanical column scale with large round dial
	Page 29	Page 30	Page 31	Page 32	Page 34	Page 35	Page 35	Page 36	Page 37	Page 37
TECHNICAL DATA										
Capacity	300 kg / 660 lbs	300 kg / 660 lbs	250 kg / 550 lbs	250 kg / 550 lbs	250 kg / 550 lbs	200 kg / 450 lbs	180 kg / 400 lbs	220 kg or 500 lbs or 160 kg / 400 lbs	160 kg or 160 kg / 350 lbs	150 kg
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	50 g or 1/8 lbs or 100 g / 1/4 lbs	500 g or 500 g / 1 lb	500 g
Measuring range measuring rod		6 – 230 cm / 3 – 90"	10 – 230 cm / 4 – 90"	10 – 230 cm / 4 – 90"	10 – 230 cm / 4 – 90"					
Digital measuring range measuring rod			122 – 230 cm / 48 – 90"	122 – 230 cm / 48 – 90"						
Graduation measuring rod		1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"	1 mm / 1/8"					
Dimensions (W x H x D)	360 x 930 x 520 mm 14.2 x 36.6 x 20.5"	360 x 1,408 x 520 mm 14.2 x 55.4 x 20.5"/ 1/8"	410 x 1,356 x 576 mm 16.1 x 53.4 x 22.7"	410 x 1,356 x 576 mm 16.1 x 53.4 x 22.7"	410 x 1,356 x 576 mm 16.1 x 53.4 x 22.7"	294 x 831 x 417 mm 11.6 x 32.7 x 16.4"	350 x 955 x 435 mm 13.8 x 13.8 x 17.1"	520 x 1,556 x 520 mm 20.5 x 61.3 x 20.5"	360 x 1,000 x 628 mm 14.2 x 39.4 x 24.7"	295 x 910 x 500 mm 11.6 x 35.8 x 19.7"
Dimensions platform (W x H x D)	335 x 80 x 345 mm 13.2 x 3.1 x 13.6"	335 x 80 x 345 mm 13.2 x 3.1 x 13.6"	350 x 59 x 418 mm 13.8 x 2.3 x 16.5"	350 x 59 x 418 mm 13.8 x 2.3 x 16.5"	350 x 59 x 418 mm 13.8 x 2.3 x 16.5"	272 x 75 x 280 mm 10.7 x 3 x 11"	350 x 50 x 350 mm 13.8 x 2 x 13.8"	335 x 80 x 345 mm 13.2 x 3.1 x 13.6"	335 x 80 x 345 mm 13.2 x 3.1 x 13.6"	278 x 75 x 273 mm 10.9 x 3 x 10.7"
Weight	15.2 kg / 33.5 lbs	17.6 kg / 38.8 lbs	13.1 kg / 28.9 lbs	12.9 kg / 28.4 lbs	12.7 kg / 28.0 lbs	6.2 kg / 13.7 lbs	6.1 kg / 13.4 lbs	16.2 kg / 35.7 lbs	18.1 kg / 39.9 lbs	6.9 kg / 15.2 lbs
Power supply	Batteries, power adapter optional	Batteries, power adapter optional	Power adapter, batteries optional	Batteries, power adapter optional	Batteries, power adapter optional	Batteries, power adapter optional	Batteries			
FUNCTIONS										
TARE	●	●	●	●	●	●				
Pre-TARE	●	●								
Mother+child function	●	●								
HOLD	●	●	●	●	●	●				
Auto-HOLD	●	●	●	●			●			
BMI	●	●			●	●			●	
Auto-BMI			●	●						
Auto-CLEAR	●	●	●	●	●	●				
kg/lbs switch-over	●	●	●	●	●	●	●			
cm/inch switch-over			●	●						
Damping	●	●	●	●						
Reset-to-zero function						●		●	●	●
Acoustic signals can be activated	●	●								
RESET	●	●								
Automatic switch-off	●	●		●		●				
Integrated measuring rod		●	●	●	●					
Transport wheels	●	●	●	●	●	●		●	●	●
Wi-Fi / Ethernet	optional with seca 452	optional with seca 452	●							
kg/lbs switch-over lock			●	●	●					
Confirm button			●	●						
Step-off							●			
Tap-on automatic switch-on							●			
ACCESSORIES										
Interface module	seca 452	seca 452		seca 452						
Measuring rod	seca 220, seca 224					seca 220, seca 224		seca 220	seca 224	seca 224
Power adapter	447, 400	447, 400		401	401	447, 400				
Panda	seca 459	seca 459	seca 459	seca 459	seca 459					
Handrail			seca 477	seca 477	seca 477					
EMR-VALIDATED										
to any EMR system	●	●	●	●						

Accessories for column scales see page 103

Flat scales

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
	EMR-validated flat scale with ID-Display™ and stable glass platform	EMR-validated flat scale with extra-large platform	Digital flat scale with cable remote display	Flat scale with foot switches and double display	Digital flat scale with foot pedal	Flat scale with customizable label	Digital flat scale with bluetooth interface and high capacity	High capacity digital flat scale for individual patient use	Digital personal scale with extra-flat dimensions	Digital flat scale with high-quality two-component rubber surface	Mechanical flat scale with 500 g graduation	Mechanical flat scale with 1 kg graduation	Robust mechanical floor scale
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TECHNICAL DATA

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
Capacity	360 kg / 800 lbs	360 kg / 800 lbs	250 kg / 550 lbs	200 kg / 440 lbs	250 kg / 550 lbs	200 kg / 440 lbs	200 kg / 440 lbs	200 kg / 440 lbs	150 kg / 330 lbs	150 kg / 330 lbs	150 kg or 320 lbs or 150 kg / 320 lbs	150 kg or 320 lbs	150 kg or 320 lbs or 150 kg / 320 lbs
Graduation	50 g / 0.1 lb	50 g / 0.1 lb	100 g < 150 kg > 200 g 0.2 lb < 330 lbs > 0.5 lb	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	100 g < 150 kg > 200 g 0.2 lb < 330 lbs > 0.5 lb	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	100 g / 0.2 lb	500 g or 1 lb or 500 g / 1 lb	1 kg or 1 lb	1 kg or 1 lb or 1 kg / 1 lb
Dimensions (W x H x D)	600 x 70 x 574 mm 23.6 x 2.7 x 22.5"	640 x 53 x 600 mm 25.2 x 2.1 x 23.6"	321 x 60 x 356 mm 12.6 x 2.4 x 14"	321 x 60 x 361 mm 12.6 x 2.4 x 14.2"	321 x 60 x 356 mm 12.6 x 2.4 x 14"	321 x 60 x 361 mm 12.6 x 2.4 x 14.2"	433 x 47 x 373 mm 17 x 1.9 x 14.7"	433 x 47 x 373 mm 17 x 1.9 x 14.7"	310 x 37 x 310 mm 12.2 x 1.5 x 12.2"	316 x 37 x 326 mm 12.4 x 1.5 x 12.8"	305 x 120 x 470 mm 12 x 4.7 x 18.5"	303 x 118 x 470 mm 11.9 x 4.6 x 18.5"	317 x 117 x 477 mm 12.5 x 4.6 x 18.8"
Dimensions platform (W x H x D)	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	560 x 55 x 560 mm 22 x 2.2 x 22"	280 x 60 x 278 mm 11 x 2.4 x 10.9"	288 x 60 x 280 mm 11.3 x 2.4 x 11"	288 x 60 x 278 mm 11.3 x 2.4 x 10.9"	288 x 60 x 280 mm 11.3 x 2.4 x 11"	400 x 45 x 300 mm 15.7 x 1.8 x 11.8"	400 x 45 x 300 mm 15.7 x 1.8 x 11.8"	310 x 37 x 310 mm 12.2 x 1.5 x 12.2"	295 x 35 x 305 mm 11.6 x 1.4 x 12"	260 x 70 x 265 mm 10.2 x 2.8 x 10.4"	265 x 70 x 265 mm 10.4 x 2.8 x 10.4"	290 x 70 x 290 mm 11.4 x 2.8 x 11.4"
Cable length	4.0 m / 157.4"	2.5 m / 98.4"	2 m / 78.7"										
Weight	14.0 kg / 30.8 lbs	14.4 kg / 31.7 lbs	4.5 kg / 9.9 lbs	4.1 kg / 9 lbs	4.2 kg / 9.3 lbs	4.1 kg / 9 lbs	2.9 kg / 6.3 lbs	2.9 kg / 6.3 lbs	2 kg / 4.4 lbs	1.5 kg / 3.3 lbs	3.5 kg / 7.7 lbs	3.5 kg / 7.7 lbs	3.5 kg / 7.7 lbs
Power supply	Power adapter	Batteries, power adapter optional	Batteries, power adapter optional	Batteries	Batteries	Batteries, power adapter optional	Batteries	Batteries	Batteries	Batteries			

FUNCTIONS

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
TARE	●	●	●										
Pre-TARE	●	●											
Mother+child function	●			●	●	●							
HOLD	●	●	●	●		●							
Auto-HOLD	●	●	●	●		●	●	●	●	●			
BMI	●	●	●										
Auto-BMI	●												
CLEAR	●												
Auto-CLEAR	●	●											
kg/lbs switch-over	●	●	●	●	●	●	●	●	●	●			
Damping	●	●											
Backlighting	●												
Acoustic signals can be activated	●												
RESET	●	●											
Automatic switch-off		●	●	●	●	●	●	●	●	●			
SEND / Auto-SEND	●												
Tap-on automatic switch-on					●		●	●	●	●			
Transport wheels	●												
Wi-Fi / Ethernet / Connectivity	●	optional with seca 452					Bluetooth®						
Standby mode	●												
Touchscreen	●												
Confirm button	●												
Display of user name	●												
Display of patient name	●												
Display of date of birth of patient	●												
Reset-to-zero function											●	●	●
Step-off								●	●				

ACCESSORIES

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
Interface module		seca 452											
Stadiometer			seca 217	seca 217	seca 217	seca 217							
Ultrasonic height measurement	seca 257 or seca 257 sh												
Handrail	seca 455												
Stand for cable remote display		seca 472											
Adapter element	seca 464		seca 437	seca 437	seca 437								
Power adapter		447, 400	447, 400			447, 400							
Backpack			seca 409	seca 409	seca 409	seca 409							
Carrying case			seca 414, seca 421	seca 414, seca 415	seca 414, seca 415	seca 414, seca 415					seca 415		

AREAS OF APPLICATION

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
Mobile weighing			●	●	●	●							

EMR-VALIDATED

	seca 650	seca 634	seca 869	seca 874	seca 876	seca 874 dr	seca 813 bt	seca 813	seca 807	seca 803	seca 762	seca 760	seca 750
to any EMR system	●	●											

Accessories for flat scales

	seca 452	seca 472	447	400
	Interface module to transmit measurements to EMR systems	Stand for display elements of seca scales with cable remote display	Power adapter for flat scales seca 634, seca 869, seca 874 and seca 874 dr	Switch-mode power adapter for flat scales seca 634, seca 869, seca 874 and seca 874 dr
	Page 40	Page 40	Page 40	Page 40
TECHNICAL DATA				
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	460 x 1,035 x 460 mm 18.1 x 40.7 x 18.1"	50 x 40 x 75 mm 2 x 1.6 x 3"	42 x 35 x 73 mm 1.7 x 1.4 x 2.9"
Cable length			1.90 m / 74.8"	1.85 m / 72.8"
Weight	180 g / 0.4 lb	7.8 kg / 17.2 lbs	310 g / 0.7 lb	155 g / 0.3 lb

	seca 464	seca 257	seca 257 sh	seca 455	seca 437	seca 217
	Adapter element for the flat scale seca 650 for connection with the ultrasonic height measurement seca 257	Ultrasonic height measurement for flat scale seca 650 in combination with adapter element seca 464	Shortened ultrasonic height measurement for flat scale seca 650 in combination with adapter element seca 464	Handrail for flat scale seca 650	Adapter element for the stadiometer 217 for connection with the flat scales seca 869, seca 874, seca 876 or seca 874 dr	Stadiometer for height measurement for flat scales seca 869, seca 874, seca 876 or seca 874 dr in combination with adapter element seca 437
	Page 39	Page 39	Page 39	Page 39	Page 41	Page 41
TECHNICAL DATA						
Measuring range		60–220 cm / 1 ft 12" – 7 ft 2" or 100–220 cm / 3 ft 3" – 7 ft 2" (with handrail)	60–200 cm / 1 ft 12" – 6 ft 7" or 100–200 cm / 3 ft 3" – 6 ft 7" (with handrail)			20–205 cm or 20–205 cm / 8" – 6 ft 9"
Graduation		1 mm / 1/8"	1 mm / 1/8"			1 mm or 1 mm / 1/8"
Dimensions (W x H x D)	750 x 150 x 345 mm 29.5 x 5.9 x 13.6"	173 x 2,304 x 435 mm 6.8 x 90.7 x 17.1"	173 x 2,104 x 435 mm 6.8 x 82.8 x 17.1"	801 x 1,120 x 543 mm 31.5 x 44.0 x 21.3"	333 x 86 x 310 mm 13.1 x 3.4 x 12.2"	328 x 2,145 x 574 mm 12.9 x 84.4 x 22.6"
Weight	2 kg / 4.4 lbs	6.5 kg / 14.3 lbs	6.4 kg / 14.1 lbs	9.5 kg / 20.9 lbs	600 g / 1.3 lbs	3.6 kg / 7.9 lbs

	seca 409	seca 414	seca 421	seca 415
	Backpack to transport the flat scales seca 869, seca 874, seca 874 dr and seca 876 together with the stadiometer seca 217 and the adapter element seca 437	Carrying case for the flat scales seca 869, seca 874, seca 874 dr and seca 876 together with the stadiometer seca 217 and the adapter element seca 437	Stable and roomy carrying case for the flat scales seca 869, seca 874, seca 874 dr and seca 876	Carrying case for the flat scales seca 874, seca 874 dr and seca 876
	Page 41	Page 41	Page 41	Page 41
TECHNICAL DATA				
Dimensions (W x H x D)	370 x 630 x 140 mm 14.6 x 24.8 x 5.5"	625 x 350 x 210 mm 24.6 x 13.8 x 8.3"	430 x 350 x 130 mm 16.9 x 13.8 x 5.1"	330 x 380 x 70 mm 13 x 15 x 2.8"
Weight	1.6 kg / 3.5 lbs	2.8 kg / 6.2 lbs	810 g / 1.8 lbs	800 g / 1.8 lbs

Accessories for column scales

	seca 452	seca 220	seca 224	seca 459	seca 477
	Interface module to transmit measurements to EMR systems	Telescopic measuring rod for column scales seca 703, seca 769 and seca 700	Telescopic measuring rod for column scales seca 703, seca 769 and seca 755	Panda for seca 703, seca 703 s, seca 777, seca 787 and seca 797	Integrated handrail for seca 777, seca 787 and seca 797
	Page 29	Page 29	Page 29	Page 29	Page 31
TECHNICAL DATA					
Measuring range		max. 200 cm / 78"	60–200 cm or 60–200 cm / 24–78"		
Graduation		1 mm or 1 mm / 1/8"	1 mm or 1 mm / 1/8"		
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	57 x 1,480 x 286 mm 2.2 x 58.3 x 11.3"	57 x 2,020 x 286 mm 2.2 x 79.5 x 11.3"	380 x 670 x 44 mm 14.9 x 26.3 x 1.7"	429 x 1,122 x 309 mm 16.9 x 44.2 x 12.2"
Weight	180 g / 0.4 lb	700 g / 1.5 lbs	1.4 kg / 3.1 lbs	500 g / 1.1 lbs	4 kg / 8.8 lbs

	447	400	401
	Power adapter for seca 703, seca 703 s and seca 769	Switch-mode power adapter for seca 703, seca 703 s and seca 769	Power adapter for column scales seca 787 and seca 777
	Page 29	Page 29	Page 32
TECHNICAL DATA			
Dimensions (W x H x D)	50 x 40 x 75 mm 2 x 1.6 x 3"	42 x 35 x 73 mm 1.7 x 1.4 x 2.9"	80 x 40 x 75 mm 3.1 x 1.6 x 2.9"
Cable length	1.90 m / 74.8"	1.85 m / 72.8"	2.00 m / 78.7"
Weight	310 g / 0.7 lb	155 g / 0.3 lb	100 g / 0.2 lb

Height measuring systems

	seca 274	seca 264	seca 217	seca 213	seca 222	seca 216	seca 206	seca 203	seca 201
	Freestanding stadiometer with digital display, Frankfurt Line and heel positioner for precise measurements	Wall-mounted stadiometer with display on the head-piece and easy-to-clean floor mat	Stand-alone stadiometer for height measurement, with spacer, consisting of parts that fit together perfectly for transport ease	Stand-alone stadiometer for height measurement, easily assembled for convenient transport	Mechanical telescopic measuring rod with large measuring range	Mechanical measuring rod for children and adults	Mechanical measuring tape with wall attachment	Ergonomic circumference measuring tape with extra Waist-To-Hip-Ratio calculator (WHR)	Ergonomic circumference measuring tape
	Page 47	Page 48	Page 50	Page 51	Page 51	Page 52	Page 52	Page 53	Page 53

TECHNICAL DATA

	seca 274	seca 264	seca 217	seca 213	seca 222	seca 216	seca 206	seca 203	seca 201
Measuring range	30–220 cm 11"–7 ft 2"	30–220 cm 11"–7 ft 2"	20–205 cm or 20–205 cm / 8"–6 ft 9"	20–205 cm or 20–205 cm / 8"–6 ft 9"	6–230 cm or 6–230 cm / 2–90"	max. 138 cm / 55.3" selectable from 3.5–230 cm / 1.4–90"	0–220 cm or 0–87"	0–205 cm	0–205 cm or 0–80"
Graduation	1 mm / 1/8"	1 mm / 1/8"	1 mm or 1 mm / 1/8"	1 mm or 1 mm / 1/8"	1 mm or 1 mm / 1/8"	1 mm / 1/16"	1 mm or 1/8"	1 mm	1 mm or 1/8"
Dimensions (W x H x D)	434 x 2,394 x 466 mm 17.1 x 94.3 x 18.3"	428 x 2,318 x 474 mm 16.9 x 91.3 x 18.7"	328 x 2,145 x 574 mm 12.9 x 84.4 x 22.6"	337 x 2,165 x 590 mm 13.3 x 83.9 x 23.2"	308 x 2,320 x 286 mm 12.1 x 91.3 x 11.3"	120 x 1,500 x 217 mm 4.7 x 59.1 x 8.5"	125 x 125 x 173 mm 4.9 x 4.9 x 6.8"	70 x 28 x 66 mm 2.8 x 1.1 x 2.6"	70 x 22 x 65 mm 2.8 x 0.9 x 2.6"
Dimensions platform (W x H x D)	430 x 60 x 365 mm 16.9 x 2.4 x 14.4"	430 x 3 x 370 mm 16.9 x 0.1 x 14.6"							
Dimensions when folded (W x H x D)				337 x 177 x 624 mm 13.3 x 7 x 24.6"	308 x 1,320 x 286 mm 12.1 x 52 x 11.3"				
Weight	15 kg / 33.1 lbs	5 kg / 11 lbs	3.6 kg / 7.9 lbs	2.4 kg / 5.3 lbs	1.1 kg / 2.4 lbs	1.7 kg / 3.7 lbs	202 g / 0.4 lb	70 g / 0.2 lb	50 g / 0.1 lb
Power supply	Batteries	Batteries							

FUNCTIONS

	seca 274	seca 264	seca 217	seca 213	seca 222	seca 216	seca 206	seca 203	seca 201
HOLD	●	●							
WHR calculator								●	
cm/inch switch-over	●	●							
Acoustic signals can be activated	●	●							
RESET	●	●							
Calibration / automatic calibration	●	●							
User-defined zero setting	●	●							
Backlighting	●	●							
Automatic switch-off	●	●							
SEND / Auto-SEND	●	●							

ACCESSORIES

	seca 274	seca 264	seca 217	seca 213	seca 222	seca 216	seca 206	seca 203	seca 201
Adapter element			seca 437						
Backpack			seca 409						
Carrying case			seca 414, seca 412	seca 412					

AREAS OF APPLICATION

	seca 274	seca 264	seca 217	seca 213	seca 222	seca 216	seca 206	seca 203	seca 201
Can be mounted		●			●	●	●		
Mobile measuring			●	●				●	●

Accessories for height measuring systems

	seca 437	seca 409	seca 414	seca 412
	Adapter element for stadiometer seca 217 for connection with the flat scales seca 869, seca 874, seca 874 dr or seca 876	Backpack to transport the stadiometer seca 217 and the adapter element seca 437 together with the flat scales seca 869, seca 874, seca 874 dr and seca 876	Carrying case to transport the stadiometer seca 217 and the adapter element seca 437 together with the flat scales seca 869, seca 874, seca 874 dr and seca 876	Carrying case for the mobile stadiometer seca 217 and seca 213
	Page 50	Page 50	Page 50	Page 50

TECHNICAL DATA

	seca 437	seca 409	seca 414	seca 412
Dimensions (W x H x D)	333 x 86 x 310 mm 13.1 x 3.4 x 12.2"	370 x 630 x 140 mm 14.6 x 24.8 x 5.5"	625 x 350 x 210 mm 24.6 x 13.8 x 8.3"	686 x 427 x 56 mm 27 x 16.8 x 2.2"
Weight	600 g / 1.3 lbs	600 g / 1.3 lbs	2.8 kg / 6.2 lbs	650 g / 1.4 lbs

Handrail scales

	seca Scale-up Line	seca Scale-up Line	seca Scale-up Line	seca 684	seca 644
	EMR-validated handrail scale with ID-Display™	EMR-validated handrail scale with ID-Display™ and height measurement	EMR-validated ultrasonic measuring station with ID-Display™ and handrail (short ultrasonic height measurement)	EMR-validated multifunctional scale	EMR-validated handrail scale with generous platform
	Order code: ON SHM INT NN	Order code: ON SHM IUT NN	Order code: ON SHM IVT NN		
	Page 56	Page 57	Page 57	Page 58	Page 59
TECHNICAL DATA					
Capacity	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs
Graduation	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb
Measuring range measuring rod		100 – 220 cm / 3 ft 3" – 7 ft 2"	100 – 200 cm 3 ft 3" – 6 ft 7"		
Graduation measuring rod		1 mm / 1/8"	1 mm / 1/8"		
Dimensions (W x H x D)	801 x 1,280 x 653 mm 31.5 x 50.4 x 25.7"	801 x 2,387 x 650 mm 31.5 x 94.0 x 25.6"	801 x 2,187 x 650 mm 31.5 x 86.1 x 25.6"	930 x 1,110 x 1,070 mm 36.6 x 43.7 x 42.1"	640 x 1,150 x 660 mm 25.2 x 45.3 x 26"
Dimensions/platform (W x H x D)	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	800 x 55 x 840 mm 31.5 x 2.2 x 33.1"	600 x 55 x 600 mm 23.6 x 2.2 x 23.6"
Weight	25 kg / 55.1 lbs	29 kg / 63.9 lbs	28.9 kg / 63.7 lbs	59.5 kg / 131.2 lbs	25.4 kg / 55.9 lbs
Power supply	Power adapter	Power adapter	Power adapter	Power adapter	Power adapter, rechargeable batteries
FUNCTIONS					
TARE/Pre-TARE	●	●	●	●	●
HOLD	●	●	●	●	●
Auto-HOLD	●	●	●	●	●
BMI				●	●
Auto-CLEAR	●	●	●	●	●
kg/lbs switch-over	●	●	●	●	●
Damping	●	●	●	●	●
RESET	●	●	●	●	●
Automatic switch-off					●
SEND/Auto-SEND	●	●	●		
Wi-Fi/Ethernet	●	●	●	optional with seca 452	optional with seca 452
Transport wheels	●	●	●	●	●
Ramp				1 x integrated	
Mother+child function	●	●	●		
Auto-BMI	●	●	●		
cm/inch switch-over	●	●	●		
CLEAR	●	●	●		
Backlighting	●	●	●		
Acoustic signals can be activated	●	●	●		
Standby mode	●	●	●		
Touchscreen	●	●	●		
Confirm button	●	●	●		
Display of user name	●	●	●		
Display of patient name	●	●	●		
Display of date of birth of patient	●	●	●		
INCLUDED					
Flat scale	seca 654	seca 654	seca 654		
Handrail	seca 455	seca 455	seca 455		
Ultrasonic height measurement		seca 257	seca 257 sh		
ACCESSORIES					
Interface module				seca 452	seca 452
Ultrasonic height measurement	seca 257 or seca 257 sh				
Measuring rod					seca 223
Barcode scanner mount	seca 463	seca 463	seca 463		
Panda	seca 459				
Animal sticker		seca 487	seca 487		
EMR-VALIDATED					
to any EMR system	●	●	●	●	●

Accessories for handrail scales

	seca 452	seca 257	seca 257 sh	seca 463	seca 459	seca 487
	Interface module to transmit measurements to EMR systems	Ultrasonic height measurement for seca Scale-up Line (order code ON SHM INT NN)	Shortened Ultrasonic height measurement for seca Scale-up Line (order code ON SHM INT NN)	Barcode scanner mount for seca Scale-up Line (all order codes)	Panda for version of seca Scale-up Line without height measurement (order code ON SHM INT NN).	Animal sticker for seca Scale-up Line (order codes ON SHM IUT NN and ON SHM IVT NN)
	Page 58	Page 57	Page 57	Page 57	Page 57	Page 57
TECHNICAL DATA						
Measuring range		100 – 220 cm / 3 ft 3" – 7 ft 2"	100 – 200 cm 3 ft 3" – 6 ft 7"			
Graduation		1 mm / 1/8"	1 mm / 1/8"			
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	173 x 2,304 x 435 mm 6.8 x 90.7 x 17.1"	173 x 2,104 x 435 mm 6.8 x 82.8 x 17.1"	76 x 75 x 152 mm 3.0 x 2.9 x 5.9"	380 x 670 x 44 mm 14.9 x 26.3 x 1.7"	60 x 2,346 x 0.5 mm 2.4 x 92.4 x 0.02"
Weight	180 g / 0.4 lb	6.5 kg / 14.3 lbs	6.4 kg / 14.1 lbs	200 g / 0.4 lb	500 g / 1.1 lbs	200 g / 0.4 lb

seca 223

Telescopic measuring rod for the handrail scale seca 644

	Page 59
TECHNICAL DATA	
Measuring range	6 – 230 cm or 6 – 230 cm / 2 – 90"
Graduation	1 mm or 1 mm / 1/8"
Dimensions (W x H x D)	57 x 2,320 x 286 mm 2.2 x 91.3 x 11.3"
Weight	952 g / 2.1 lbs

Wheelchair scales

	seca 676	seca 664	seca 656	seca 674
	EMR-validated wheelchair scale with handrail and transport wheels	EMR-validated electronic wheelchair scale	EMR-validated electronic platform scale with innovative memory function	EMR-validated electronic platform scale
	Page 61	Page 62	Page 64	Page 65
TECHNICAL DATA				
Capacity	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs
Graduation	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb
Dimensions (W x H x D)	920 x 1,120 x 1,150 mm 36.2 x 44.1 x 45.3"	1,102 x 912 x 1,150 mm 43.4 x 35.9 x 45.3"	910 x 893 x 1,680 mm 35.8 x 3.7 x 66.1"	904 x 70 x 1,064 mm 35.6 x 2.8 x 41.9"
Dimensions platform (W x H x D)	800 x 55 x 965 mm 31.5 x 2.2 x 38"	800 x 55 x 965 mm 31.5 x 2.2 x 38"	800 x 55 x 1,465 mm 31.5 x 2.2 x 57.7"	800 x 55 x 965 mm 31.5 x 2.2 x 38"
Weight	38 kg / 83.8 lbs	33.4 kg / 73.6 lbs	46.2 kg / 101.9 lbs	27 kg / 59.5 lbs
Power supply	Power adapter	Power adapter, rechargeable batteries	Power adapter	Power adapter
FUNCTIONS				
TARE/Pre-TARE	●	●	●	●
HOLD	●	●	●	●
Auto-HOLD	●	●	●	●
BMI	●	●	●	●
Auto-CLEAR	●	●	●	
kg/lbs switch-over	●	●	●	●
Damping	●	●	●	
RESET	●	●	●	●
Automatic switch-off				
Wi-Fi / Ethernet	optional with seca 452	optional with seca 452	optional with seca 452	optional with seca 452
Transport wheels	●	●		
Ramp	2 x integrated	2 x integrated	2 x integrated	1 x integrated
ACCESSORIES				
Interface module	seca 452	seca 452	seca 452	seca 452
Stand for cable remote display			seca 472	seca 472
EMR-VALIDATED				
to any EMR system	●	●	●	●

Accessories for wheelchair scales

	seca 452	seca 472
	Interface module to transmit measurements to EMR systems	Stand for display elements of seca scales with cable remote display
	Page 55	Page 59
TECHNICAL DATA		
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	460 x 1,035 x 460 mm 18.1 x 40.7 x 18.1"
Weight	180 g / 0.4 lb	7.8 kg / 17.2 lbs

Chair scales

	seca 954	seca 952
	EMR-validated chair scale with precise graduation	Chair scale for weighing while seated
	Page 67	Page 68
TECHNICAL DATA		
Capacity	300 kg / 660 lbs	200 kg / 440 lbs
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	100 g / 0.2 lb
Dimensions (W x H x D)	563 x 897 x 978 mm 22.17 x 35.31 x 38.5"	563 x 897 x 956 mm 22.17 x 35.31 x 37.64"
Weight	24.5 kg / 54 lbs	22.4 kg / 49.4 lbs
Power supply	Power adapter, rechargeable batteries	Batteries
FUNCTIONS		
TARE	●	●
Pre-TARE	●	
HOLD	●	
Auto-HOLD	●	●
BMI	●	
Auto-CLEAR		
kg/lbs switch-over	●	●
Damping	●	
RESET	●	
Automatic switch-off	●	●
Wi-Fi / Ethernet	optional with seca 452	
ACCESSORIES		
Interface module	seca 452	
Battery for longer mobile use	seca 454	
EMR-VALIDATED		
to any EMR system	●	

Accessories for chair scales

	seca 452	seca 454
	Interface module to transmit measurements to EMR systems	Battery for longer mobile use of chair scale seca 954
	Page 67	Page 67
TECHNICAL DATA		
Dimensions (W x H x D)	95 x 113 x 35 mm 3.7 x 4.4 x 1.4"	
Weight	180 g / 0.4 lb	345 g / 0.7 lb

Specialized scales

	seca 856	seca 852
	Digital organ and diaper scale with stainless steel cover	Digital portion and diet scale
	Page 71	Page 71
TECHNICAL DATA		
Capacity	5 kg / 11 lbs	3 kg / 6.6 lbs
Graduation	1 g < 3 kg > 2 g 0.05 oz < 6.6 lbs > 0.1 oz	1 g / 0.05 oz
Dimensions (W x H x D)	265 x 53 x 265 mm 10.4 x 2.1 x 10.4"	210 x 140 x 210 mm 8.3 x 5.5 x 8.3"
Dimensions/scale platform (WxHxD)	235 x 5 x 170 mm 9.3 x 0.2 x 6.7"	140 x 53 x 140 mm 5.5 x 2.1 x 5.5"
Weight	1.9 kg / 4.2 lbs	710 g / 1.6 lbs
Power supply	Batteries	Batteries
FUNCTIONS		
TARE	●	●
Pre-TARE	●	
HOLD	●	
kg/lbs switch-over	●	●
Automatic switch-off	●	

Medical Body Composition Analyzers

	seca mBCA 514	seca mBCA 554	seca mBCA 554	seca mBCA 554	seca mBCA 525
	Medical Body Composition Analyzer for determining body composition while standing	Medical Body Composition Analyzer with ultrasonic height measurement	Medical Body Composition Analyzer with ultrasonic height measurement (short)	Medical Body Composition Analyzer	Medical Body Composition Analyzer for determining body composition in a lying position
Order code:		ON IHM IUT NN	ON IHM IVT NN	ON IHM INT NN	
	Page 75	Page 76	Page 76	Page 76	Page 78
GENERAL					
Capacity	300 kg / 660 lbs	360 kg / 800 lbs	360 kg / 800 lbs	360 kg / 800 lbs	
Graduation	50 g < 150 kg > 100 g 0.1 lb < 330 lbs > 0.2 lb	50 g / 0.1 lb	50 g / 0.1 lb	50 g / 0.1 lb	
Dimensions (W x H x D)	976 x 1,251 x 828 mm 38.4 x 49.3 x 32.6"	838 x 2,387 x 650 mm 33.0 x 94.0 x 25.6"	839 x 2,187 x 653 mm 33.0 x 86.1 x 25.7"	839 x 1,280 x 653 mm 33.0 x 50.4 x 25.7"	252 x 262 x 230 mm 9.9 x 10.3 x 9.1"
Dimensions platform (W x H x D)	779.5 x 12 x 510 mm 30.7 x 0.5 x 20.1"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	600 x 70 x 467 mm 23.6 x 2.8 x 18.4"	
Measuring range measuring rod		100–220 cm 3 ft 3" – 7 ft 2"	100–200 cm 3 ft 3" – 6 ft 7"		
Graduation measuring rod		1 mm / 1/8"	1 mm / 1/8"		
Weight	36 kg / 79.4 lbs	30.5 kg / 67.2 lbs	30.4 kg / 67 lbs	26.5 kg / 58.4 lbs	3 kg / 6.6 lbs
Display type	8.4" touchscreen, 360° rotatable	4.3" touchscreen, tiltable and rotatable	4.3" touchscreen, tiltable and rotatable	4.3" touchscreen, tiltable and rotatable	7" touchscreen
Power supply	Power adapter	Power adapter	Power adapter	Power adapter	Power adapter, rechargeable battery
Connectivity	Ethernet	Wi-Fi, Ethernet	Wi-Fi, Ethernet	Wi-Fi, Ethernet	Wi-Fi, Ethernet
Ports	USB 2.0	USB for barcode scanner	USB for barcode scanner	USB for barcode scanner	USB 2.0
Compatible printers	Conventional laser printer and inkjet printer via PC software seca analytics 115	Conventional laser printer and inkjet printer via cloud-based software seca analytics 125	Conventional laser printer and inkjet printer via cloud-based software seca analytics 125	Conventional laser printer and inkjet printer via cloud-based software seca analytics 125	Conventional laser printer and inkjet printer via PC software seca analytics 115
BIOELECTRICAL IMPEDANCE ANALYSIS					
Measurement method	8-point Bioelectrical Impedance Analysis	8-point Bioelectrical Impedance Analysis	8-point Bioelectrical Impedance Analysis	8-point Bioelectrical Impedance Analysis	8-point Bioelectrical Impedance Analysis
Measurement frequencies	1; 1.5; 2; 3; 5; 7.5; 10; 15; 20; 30; 50; 75; 100; 150; 200; 300; 500; 750; 1,000 kHz	1; 2; 5; 10; 20; 50; 100; 200; 500 kHz	1; 2; 5; 10; 20; 50; 100; 200; 500 kHz	1; 2; 5; 10; 20; 50; 100; 200; 500 kHz	1; 2; 5; 10; 20; 50; 100; 200; 500 kHz
Measurement segments	Right arm, left arm, right leg, left leg, right half of body, left half of body, torso	Right arm, left arm, right leg, left leg, right half of body, left half of body, torso	Right arm, left arm, right leg, left leg, right half of body, left half of body, torso	Right arm, left arm, right leg, left leg, right half of body, left half of body, torso	Right arm, left arm, right leg, left leg, right half of body, left half of body, torso
Measurement current	100 µA	100 µA	100 µA	100 µA	100 µA
Measurement duration	17 seconds	24 seconds	24 seconds	24 seconds	30 seconds
INCLUDED					
BIA platform		seca mBCA 554	seca mBCA 554	seca mBCA 554	
BIA handrail		seca mBCA 550	seca mBCA 550	seca mBCA 550	
Ultrasonic height measurement		seca 257	seca 257 sh		
Software	seca analytics 115				seca analytics 115
REQUIRED ACCESSORIES					
Software		Cloud-based software seca analytics 125	Cloud-based software seca analytics 125	Cloud-based software seca analytics 125	
ACCESSORIES					
Ultrasonic height measurement				seca 257 or seca 257 sh	
Children's grip electrodes		seca 457	seca 457	seca 457	
Animal sticker		seca 487	seca 487		
Panda		seca 459	seca 459	seca 459	
Barcode scanner mount		seca 463	seca 463	seca 463	
Rolling stand					seca 475
Basket for rolling stand					seca 490 0019
Carrying case					seca 432
CONSUMABLES					
Single-use electrodes					490 0020
EMR-VALIDATED					
to any EMR system	●	●	●	●	●

Accessories for medical Body Composition Analyzers

	seca 257	seca 257 sh	seca 457	seca 487	seca 459	seca 463
	Ultrasonic height measurement for seca mBCA 554	Ultrasonic height measurement (short) for seca mBCA 554	Children's grip electrodes for seca mBCA 554	Animal sticker for seca mBCA 554 (order codes ON IHM IUT NN and ON IHM IVT NN)	Panda for seca mBCA 554	Barcode scanner mount for seca mBCA 554
	Page 76	Page 76	Page 76	Page 76	Page 76	Page 76
TECHNICAL DATA						
Measuring range	100–220 cm 3 ft 3" – 7 ft 2"	100–200 cm 3 ft 3" – 6 ft 7"				
Graduation	1 mm / 1/8"	1 mm / 1/8"				
Dimensions (W x H x D)	173 x 2,304 x 435 mm 6.8 x 90.7 x 17.1"	173 x 2,104 x 435 mm 6.8 x 82.8 x 17.1"	604 x 119 x 124 mm 23.7 x 4.7 x 4.9"	60 x 2,346 x 0.5 mm 2.4 x 92.4 x 0.02"	380 x 670 x 44 mm 14.9 x 26.3 x 1.7"	76 x 75 x 152 mm 3.0 x 2.9 x 5.9"
Weight	6.5 kg / 14.3 lbs	6.4 kg / 14.1 lbs	1 kg / 2.2 lbs	200 g / 0.4 lb	500 g / 1.1 lbs	200 g / 0.4 lb

	seca 475	seca 490 0019	seca 432
	Rolling stand for mobile use of seca mBCA 525	Basket for rolling stand seca 475	Carrying case for seca mBCA 525
	Page 79	Page 79	Page 78
TECHNICAL DATA			
Dimensions (W x H x D)	600 x 600 mm 23.6 x 23.6" (WxD), Height adjustable from 695–1,185 mm 27.4–46.6"	320 x 200 x 210 mm 12.5 x 7.8 x 8.2"	410 x 310 x 295 mm 16.1 x 12.2 x 11.6"
Weight	10.5 kg / 23.2 lbs	2 kg / 4.4 lbs	950 g / 2.1 lbs

Consumables

	490 0020
	Single-use electrodes for BIA measuring mat
	Page 78
Quantity per packaging unit	100 pieces

Software for medical Body Composition Analyzers

	seca analytics 125	seca analytics 115
	Cloud-based software for the professional evaluation of body composition	Medical PC software for the professional evaluation of body composition
	Page 80	Page 80
System requirements	Web application with Google Chrome, Microsoft Edge, Mozilla or Safari browser	Windows PC
EMR-VALIDATED		
to any EMR system	●	●

seca technical terms – a brief explanation.

Measuring systems and scales:

TARE function
Useful when any additional weight (e.g. diapers or blankets of babies/small children or also chairs or wheelchairs) is not to be included in the result. First, this additional weight is measured and then the display is reset to zero. The weight of this object is then disregarded at the next weighing.

Pre-TARE function
When activated, a previously stored value is automatically deducted from the currently measured weight. For example, when caregiver and patient stand on the scales together and only the weight of the patient is to be shown.

BMIF
The amount of milk taken by a baby when being breastfed can be ascertained with the aid of the Breast-Milk-Intake function (BMIF). At the touch of a button, the weight of the baby determined before feeding is stored and then deducted from the weight determined after feeding (difference function).

Mother+child function
This function was developed to enable the weighing of children in the arms of their parents. When the mother+child function is activated, the previously stored weight of the adult is deducted from the currently determined value. The display then shows only the weight of the child, with an accuracy of down to 50 g.

HOLD, Auto-HOLD
Once the weight has been saved with a press of the HOLD key, it remains in the display after the patient has left the scale. This function lets the doctor or nurse care for the patient first and then record the weight. When the Auto-HOLD function is activated, the HOLD function is automatically triggered as soon as the weight has stabilized.

BMI function
The Body Mass Index correlates height and weight to one another. A tolerance zone considered to be ideal from a health point of view is between 18.5 and 24.9. If the value is higher or lower, medical advice should be obtained.

BFR
The Body Fat Rate compares the patient's percentage of fat with an ideal value. Body height and weight are the basis of calculation; extra consideration is given to gender.

Patient data input
Data such as gender, age and PAL (Physical Activity Level) can be entered via the input key on the multifunction touch display of the seca 284. Together with the height and weight measurements, the data are wirelessly transmitted to calculate the resting energy expenditure and total energy expenditure or percentiles for children and teenagers.

CLEAR, Auto-CLEAR function
Old measurements or patient data can lead to incorrect calculations. Therefore, the CLEAR function deletes results from previously measured patients. It can be activated manually or automatically with Auto-CLEAR after five minutes.

Limit value function
For effective monitoring of patients, one can preset a weight limit and an alarm rings if this is exceeded.

Weighing range switch-over, auto weighing range switch-over
seca scales with a multi-range function let you quickly switch manually from one range to another. From a fine graduation at low capacity in scale range 1 to maximum capacity in scale range 2.

Damping function
The damping function makes it possible to determine the precise weight in spite of disturbances during the weighing process, e.g. caused by the patient moving. The degree of damping can be adjusted as required before weighing a patient: the stronger the damping, the less sensitively the scales react to the movements during the weighing process.

RESET function
The RESET function restores the factory settings.

SEND, Auto-SEND function
At the touch of a button, the measured and input data are sent to receiving devices such as a scale with the appropriate BMI function or a PC via radio. When the auto SEND function is set, the SEND function is prompted automatically with a stable weight value or a confirmed height reading.

Confirm button
With the touch of a button, measured values can be transmitted directly into the electronic patient record (EMR) after identification of the patient and the user by barcode scanner. Manual transcription errors can therefore be avoided.

Three-point height measurement
An accurate height measurement can only be obtained when a patient comes in contact with three points (shoulders, rear-end, and heels) together with a stadiometer. This ensures the patient is standing fully upright.

seca mBCA:

mBCA
Medical Body Composition Analyzer: a device that provides a medically precise measurement of a person's body composition.

BIA
Bioelectrical Impedance Analysis: a method of analyzing body composition. This involves measuring the resistance of the body and its parts to a weak alternating electrical current.

FM
Fat Mass: the fat mass defines the amount of body fat in kg as an absolute mass and in % as the relative proportion of the body weight.

FFM
Fat-Free Mass: the total body weight minus the fat mass.

FMI
Fat Mass Index: this index measures the proportion of body fat based on the height, weight and fat mass.

FFMI
Fat-Free Mass Index: this is a measurement of the muscle definition of a human body. The measurement is based on the body height, weight and fat-free mass.

SMM
Skeletal Muscle Mass: this includes all the muscles that are attached to the skeleton or – by extension – used to move the body.

TBW
Total Body Water: the sum of the fluids outside and inside the cells of the body, not including the substances dissolved therein.

ECW
Extracellular Water: all fluids found outside the cells in the human body.

ICW
Intracellular Water: all fluids found inside the cells in the human body.

REE
The amount of energy that the body needs per day of complete rest, at room temperature and with an empty stomach, in order to keep the bodily functions working.

TEE
Total Energy Expenditure: the total energy expenditure consists of the resting energy expenditure and the energy expended for everything the body does (muscle work, mental work, other body exertions).

HYD
Hydration: the ratio of extracellular water to intracellular water.

Impedance (Z), Phase angle (φ), Resistance (R), Reactance (Xc)
These represent the raw data from the Bioelectrical Impedance Analysis that can be used for medical studies. This includes the impedance, the phase angle and the two impedances, resistance and reactance.

BMI
Body Mass Index: the unit of measurement for the analysis of body weight in relation to a person's height, calculated using the formula (weight in kg/height in m)^2.

BIVA
Bioelectrical Impedance Vector Analysis: the way in which the BIVA is presented enables analysis of hydration and cell mass.

BCC
Body Composition Chart: the Body Composition Chart developed by seca shows the measurement points of the fat mass index in a coordinate system and helps to determine body composition.

EMR
Electronic Medical Record: these are information systems that are used in hospitals to record and present patient information.

HL7, GDT
These are recognized data formats needed by most EMR systems to process patient data.

We reserve the right to make modifications.

OUR PRODUCTS AND ART

See the world through our eyes.

Push the boundaries, reinvent the world and never be satisfied. That's the way artists have thought since art began and the way we have thought since seca was founded. That was and is precisely why art has grown into an important source of inspiration over our 180 years of existence. It brings up new questions, leads to new perspectives, and expands horizons – for our products too. We would like to have you participate in this process. In 2009, for instance, media artist Christina Lissmann created an image portfolio for seca that shows our products in a limitless fantasy world. In the current seca art project the renowned photographic artists, Barbara Metz and Eve Racine, are dealing with balance in the body. Without it, the body falls ill – balance is recovered in the end with the aid of seca. The human body is illustrated in an abstract and mechanical yet also playful and lively way. Welcome to the inspiring, limitless world of art. Welcome to seca.

Medical Measuring Systems and Scales since 1840

seca operates worldwide with headquarters
in Germany and branches in:

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seca united kingdom

seca north america

seca schweiz

seca zhong guo

seca nihon

seca mexico

seca austria

seca polska

seca middle east

seca suomi

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