Catalog 2020/2021

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, certified EMR integration solutions and enhanced vital signs monitors 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
Sales & Marketing

Frederik Vogel
CEO
Development & Manufacturing

Thomas Wessels
CEO
Finance & Services

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

+1 800 542 7322
seca north america

+49 40 20 00 00 0
seca headquarters

seca.com

Contents

WEIGHT
HEIGHT
CIRCUMFERENCE

6

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

8 Baby scales

16 Pediatric measuring systems

22 Measuring stations

28 Column scales

38 Flat scales

46 Height measuring systems

54 Handrail scales

60 Wheelchair scales

66 Chair scales

70 Specialized scales

BODY
COMPOSITION

72

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

74 Medical Body Composition Analyzers

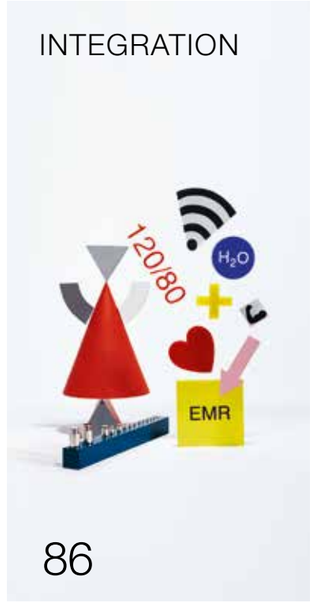
80 Software for Medical Body Composition Analyzers

VITAL SIGNS

82

Simply and routinely monitor vital signs with the seca EMR-validated spot-check monitor.

84 Medical Vital Signs Analyzer



INTEGRATION

86

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

88 Integration solutions

SERVICE

92

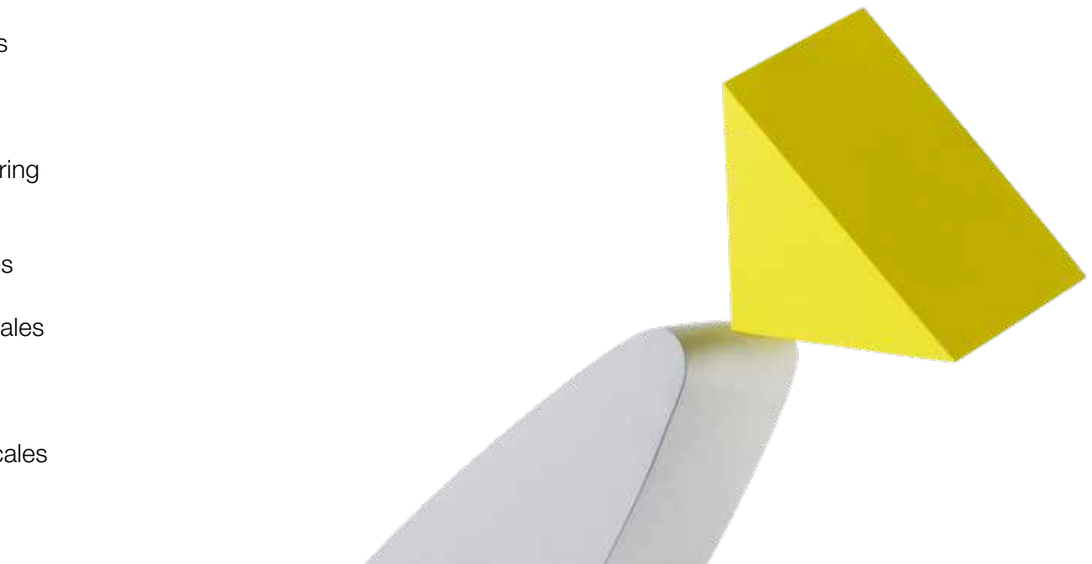
Maintenance, spare parts, software support: pre- and post-sales service from seca ensures your hospital or practice run smoothly.

94 Services

96 Technical data

118 seca technical terms

120 Our products and art



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

KG-only available

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

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

Can be operated by rechargeable batteries or power adapter.

Accessories seca 403 / seca 402

Carts for mobile support of seca baby scales

+ Ideal supplement to baby scales seca 727, seca 333 i, seca 374, seca 334 and seca 354 m / 354
+ Optionally available paper roll holder seca 408

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

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

KG-only available

Capacity	44 lbs / 20 kg or 20 kg
Graduation	0.2 oz / 5 g or 5 g
Functions	TARE, BMIF, HOLD, Auto-HOLD, SEND, damping, automatic switch-off, Wi-Fi, auto weighing range switch-over, lbs/kg 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

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.

Image contains optional measuring rod seca 233

seca 374

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

reddot design award

KG-only available

Capacity	44 lbs / 20 kg or 20 kg
Graduation	0.2 oz < 22 lbs > 0.5 oz / 5 g < 10 kg > 10 or 5 g < 10 kg > 10 g
Functions	TARE, BMIF, Auto-HOLD, lbs/kg switch-over, damping, automatic switch-off, SEND
Accessories	+ USB adapter seca 456 / 456 wa + Mobile carts seca 403 and seca 402 + Measuring rod seca 233 + Switch-mode power adapter 400

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

With seca integration solutions and the press of a key, the seca 374 can transmit every measurement to an EMR system.

Power supplied by batteries for mobile use.

Image contains optional measuring rod seca 232

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

reddot design award

KG-only available

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

The optional measuring rod can be used to determine weight and height simultaneously.

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 44 pounds can be weighed.

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

	seca 354 m	seca 354
Capacity	44 lbs / 20 kg	44 lbs / 20 kg
Graduation	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
Power supply	Power adapter, batteries	Batteries
Functions	TARE, BMIF, Auto-HOLD, lbs/kg 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) + 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

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

KG-only available

Capacity	32 lbs or 16 kg
Graduation	1/4 oz or 5 g
Functions	Reset-to-zero function

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.

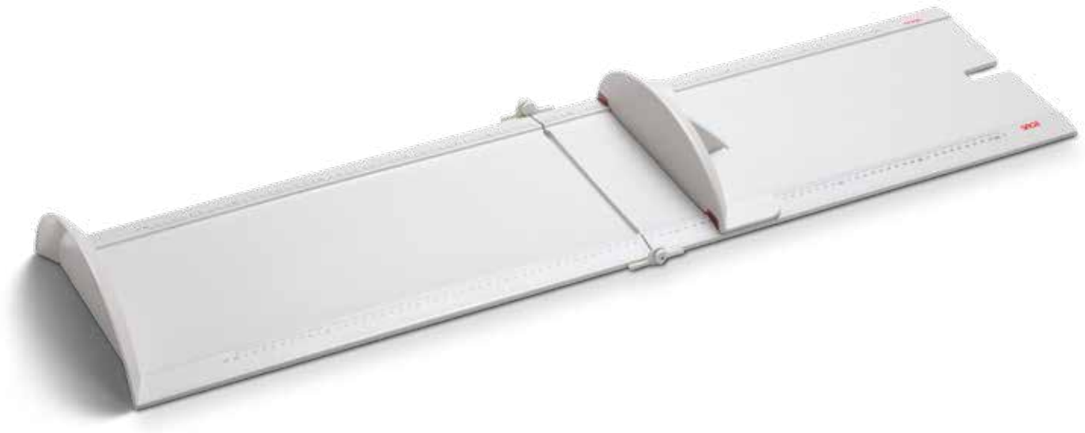
seca 416

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	13 – 39" / 33 – 100 cm or 33 – 100 cm
Graduation	1/16" / 1 mm or 1 mm

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

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

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

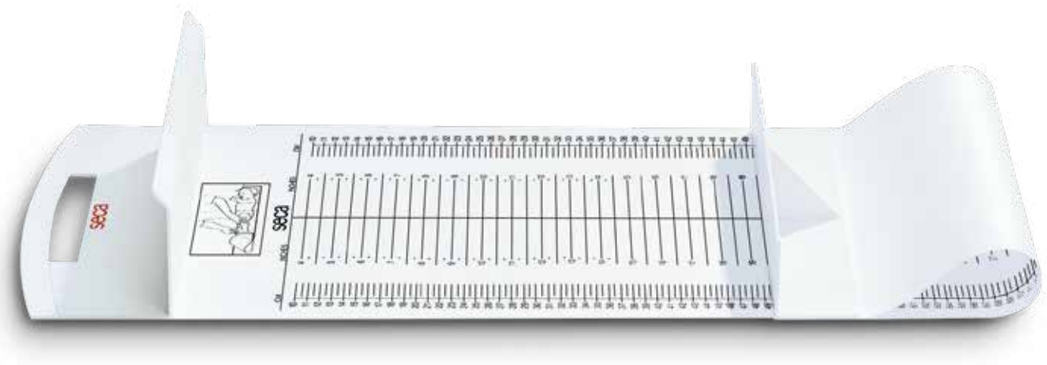
The measurement results are easy to read from the large measuring scale.

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	4 – 39" / 10 – 99 cm or 10 – 99 cm
Graduation	1/4" / 5 mm or 5 mm
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	3 – 39" / 7 – 99 cm
Graduation	1/8" / 1 mm

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	1 – 23" / 3 – 59 cm
Graduation	1/16" / 1 mm

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.

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

Order code ON SMM IUT NN

+ Flat scale seca 654
+ Ultrasonic height measurement seca 257

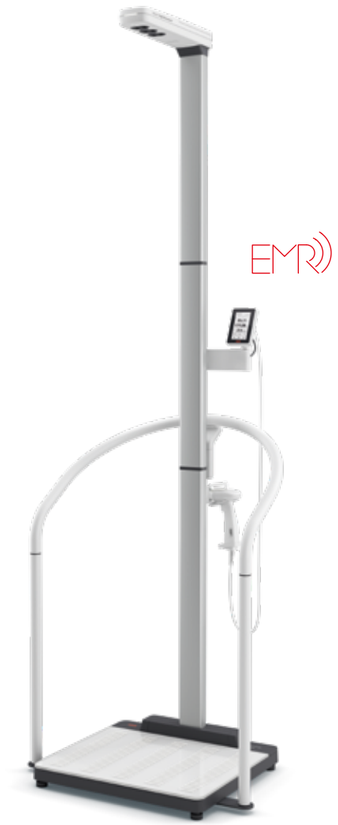


Image contains optional barcode scanner mount seca 463 and barcode scanner from a third-party supplier

Order code ON SHM IUT NN

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

GERMAN DESIGN AWARD WINNER 2020

Scale	KG-only available
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	Display of user and patient name or ID, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, lbs/kg switch-over, inch/cm switch-over, damping, standby mode, Wi-Fi, Ethernet
Accessories	+ Ultrasonic height measurement seca 257 + Handrail seca 455 + Panda seca 459 + Barcode scanner mount seca 463 + Large transport wheel set seca 468

Ultrasonic height measurement

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

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 and measuring is playful and fun for children.

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 0.1 pounds graduation at a very high capacity of up to 660 pounds
+ 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

Scale	KG-only available
Capacity	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, Auto-CLEAR, CLEAR, lbs/kg switch-over, inch/cm switch-over, damping, SEND, directprint
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Panda seca 459

Ultrasonic height measurement	
Measuring range	1 ft 12" – 6 ft 10" / 60 – 210 cm
Graduation	1/8" / 1 mm
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

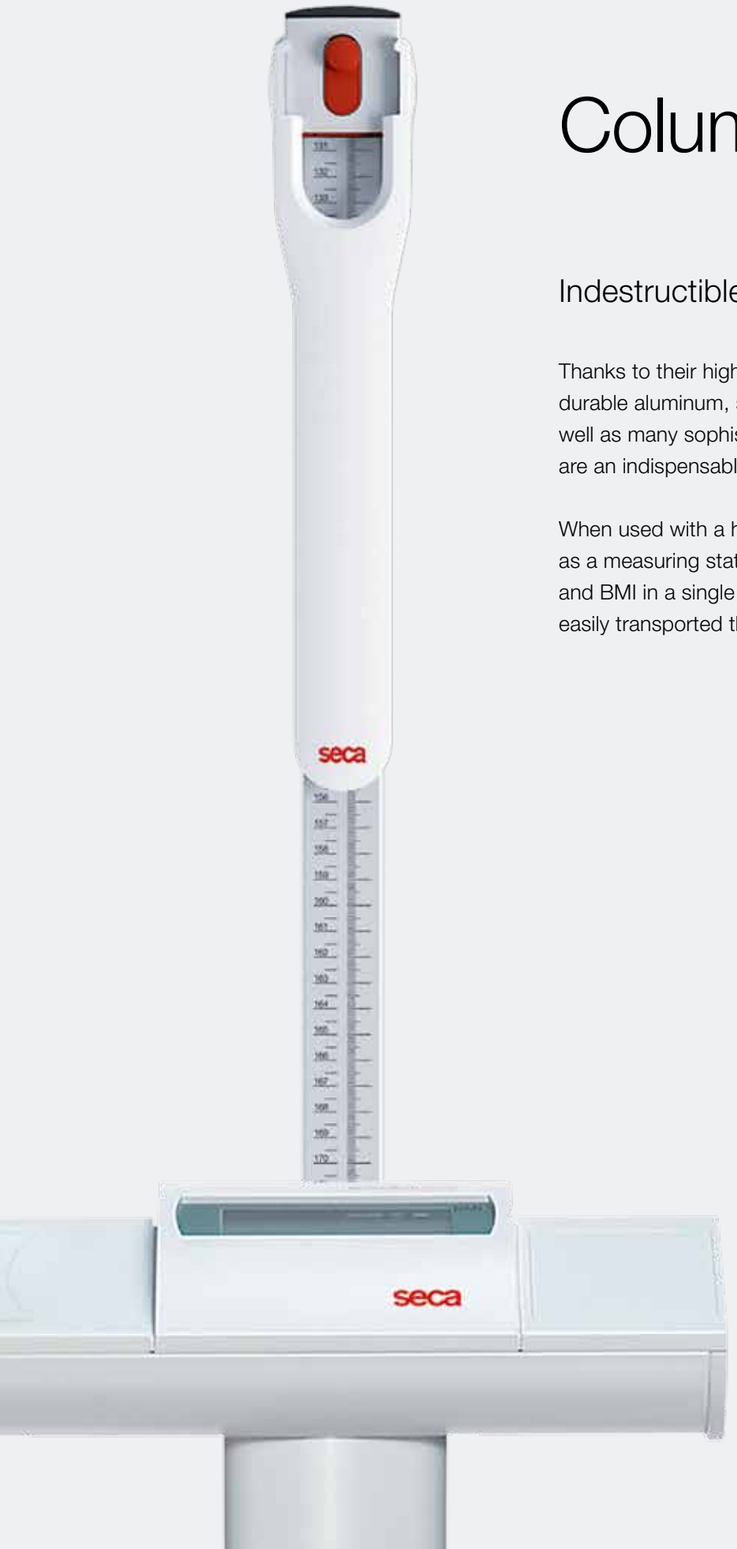
+ Weighing and measuring in a single step
+ Precise head alignment with the seca Frankfurt Line
+ Precise 0.1 pounds graduation at a very high capacity of up to 660 pounds
+ Wide range of height measurement: also suitable for pediatrics
+ Supports the patient consultation with individual printout seca directprint
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Scale	KG-only available
Capacity	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, Auto-CLEAR, CLEAR, lbs/kg switch-over, inch/cm switch-over, damping, SEND, directprint
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Panda seca 459

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

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

The seca directprint is the ideal tool for qualified and efficient weight advice.



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 660 pounds capacity

+ Extremely robust, highly precise seca weighing technology with 660 pounds 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 included height measuring rod seca 220
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Scale	KG-only available
Capacity	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g
Functions	TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, automatic switch-off, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Measuring rod seca 224 + Panda seca 459 + Switch-mode power adapter 400

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

Practical wheels permit mobile use.

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

seca 703

EMR-validated column scale with stadiometer

+ The included 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	KG-only available
Capacity	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g
Functions	TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, automatic switch-off, SEND
Included	Stadiometer
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Panda seca 459 + Switch-mode power adapter 400

Stadiometer (included)

Measuring range	3 – 90" / 6 – 230 cm
Graduation	1/8" / 1 mm

The measuring scale is printed on the side of the measuring rod improving visual ergonomics.

Practical wheels permit mobile use.

NEW

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

Image contains barcode scanner from a third-party supplier

Scale	KG-only available
Capacity	550 lbs / 250 kg or 250 kg
Graduation	0.2 lb / 100 g or 100 g
Functions	TARE, HOLD, Auto-HOLD, damping, confirm button, lbs/kg switch-over lock, inch/cm switch-over, Auto-BMI, Wi-Fi

Measuring rod (included)

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

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

Image contains barcode scanner from a third-party supplier

Scale	KG-only available
Capacity	550 lbs / 250 kg or 250 kg
Graduation	0.2 lb / 100 g or 100 g
Functions	TARE, HOLD, Auto-HOLD, damping, lbs/kg switch-over lock, inch/cm switch-over, Auto-BMI, automatic switch-off
Accessories	+ Power adapter 401

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

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 4 – 90 inch 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

Scale	KG-only available
Capacity	550 lbs / 250 kg or 250 kg
Graduation	0.2 lb / 100 g or 100 g
Functions	TARE, HOLD, lbs/kg switch-over lock, BMI
Accessories	+ Power adapter 401

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

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

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 included height measuring rod seca 220

Scale	KG-only available
Capacity	450 lbs / 200 kg or 200 kg
Graduation	0.2 lb / 100 g or 100 g
Functions	TARE, HOLD, BMI, lbs/kg switch-over, automatic switch-off
Accessories	+ Measuring rod seca 224 + Panda seca 459 + Switch-mode power adapter 400

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

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

Capacity	400 lbs / 180 kg
Graduation	0.2 lb / 100 g
Functions	Auto-HOLD, tap-on automatic switch-on, Step-off, lbs/kg 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 500 pounds
+ All parts are corrosion-resistant
+ Expandable to measuring station with included height measuring rod seca 220

reddot design award

Scale	KG-only available
Capacity	400 lbs / 160 kg or 500 lbs or 220 kg
Graduation	1/4 lb / 100 g or 1/8 lb or 50 g
Functions	Reset-to-zero function

Measuring rod seca 220 (included)

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

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

reddot design award

Scale	KG-only available
Capacity	350 lbs / 160 kg or 160 kg
Graduation	1 lb / 500 g or 500 g
Functions	BMI, reset-to-zero function
Accessories	+ Measuring rod seca 224 + Panda seca 459

Measuring rod seca 224 (optional)

Measuring range	60 – 200 cm
Graduation	1 mm

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.

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 800 pounds 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.

NEW

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

Bearclaw Glass® GERMAN DESIGN AWARD WINNER 2020

KG-only available

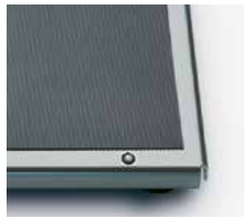
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	Display of user and patient name or ID, customizable shortcut buttons, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, lbs/kg switch-over, inch/cm switch-over, damping, Wi-Fi, Ethernet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

seca 634

EMR-validated flat scale with extra-large platform

+ Extra-large platform with 800 lbs 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.

KG-only available

Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, automatic switch-off, damping, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Stand for cable remote display seca 472 + 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

KG-only available

Capacity	550 lbs / 250 kg or 250 kg
Graduation	0.2 lb < 330 lbs > 0.5 lb / 100 g < 150 kg > 200 g or 100 g < 150 kg > 200 g
Functions	TARE, HOLD, BMI, lbs/kg 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) + 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	440 lbs / 200 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g
Functions	Mother+child function, Auto-HOLD, lbs/kg 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

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

Capacity	550 lbs / 250 kg
Graduation	0.2 lb < 330 lbs > 0.5 lb / 100 g < 150 kg > 200 g
Functions	Mother+child function, tap-on automatic switch-on, lbs/kg 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)

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	440 lbs / 200 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g
Functions	Mother+child function, Auto-HOLD, lbs/kg 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) + Switch-mode power adapter 400

seca 813 bt

Digital flat scale with bluetooth interface and high capacity

+ Solid steel frame, up to 440 lbs 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
+ Transmits weight via Bluetooth®

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

seca 813

High capacity digital flat scale for individual patient use

+ Solid steel frame, up to 440 lbs 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	440 lbs / 200 kg
Graduation	0.2 lb / 100 g
Functions	Auto-HOLD, lbs/kg 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 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 1.1 inch LCD digits

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

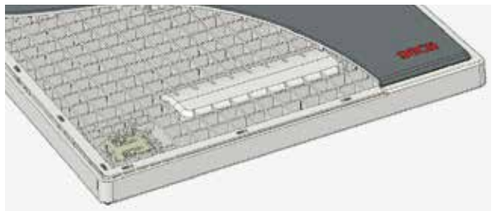
The extra flat dimensions make stepping onto this scale easy and comfortable.

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 1.1 inch LCD digits
+ Optionally available in black or white

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



Even the basic model is complex in design and robustly ribbed for a secure stance during the weighing process.

seca 762 seca 760

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

KG-only available

seca 762	Capacity	320 lbs / 150 kg or 320 lbs or 150 kg
	Graduation	1 lb / 500 g or 1 lb or 500 g
seca 760	Capacity	320 lbs or 150 kg
	Graduation	1 lb or 1 kg
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

KG-only available

Capacity	320 lbs / 150 kg or 320 lbs or 150 kg
Graduation	1 lb / 1 lb or 1 lb or 1 kg
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 and in headpieces that always glide smoothly into position to guarantee consistently precise measurements.

seca 274

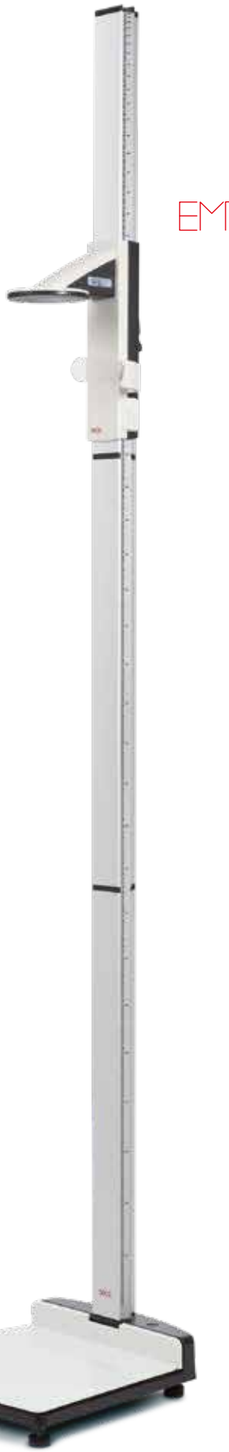
EMR-validated, freestanding stadiometer with digital display

- + Digital height measurement: comfortable and precise
- + Precise head alignment by the seca Frankfurt Line
- + High-quality glass platform with heel plate
- + Sliding headpiece with backlit digital display
- + Leveling feet provide a very stable base
- + EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Measuring range	11" – 7 ft 2" / 30 – 220 cm
Graduation	1/8" / 1 mm
Functions	HOLD, inch/cm switch-over, user-defined zero setting, automatic switch-off, SEND
Accessories	+ USB adapter seca 456 / 456 wa

With the patient's head precisely positioned, the seca Frankfurt Line guarantees exact measurements.

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



seca 264

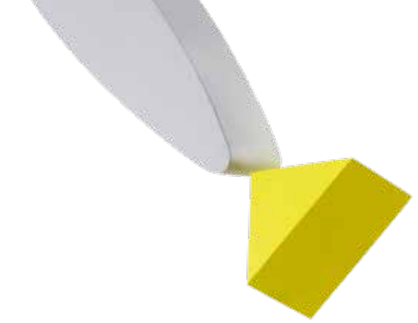
Wall-mounted, EMR-validated stadiometer with display on the headpiece

+ Digitally measures small children and adults
+ Frankfurt Line for precise head alignment
+ Backlit LCD display in headpiece
+ Non-slip rubber mat with heel positioner
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

Measuring range	11" – 7 ft 2" / 30 – 220 cm
Graduation	1/8" / 1 mm
Functions	HOLD, inch/cm switch-over, user-defined zero setting, automatic switch-off, SEND
Accessories	+ USB adapter seca 456 / 456 wa

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.

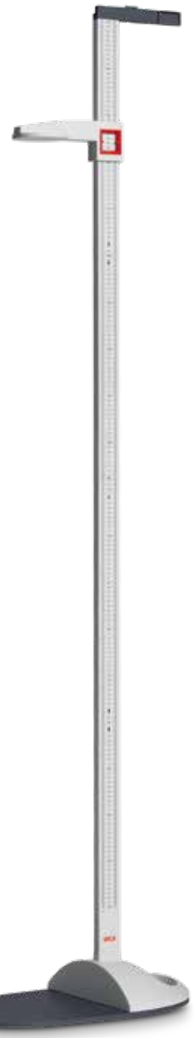


seca 217

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	8" – 6 ft 9" / 20 – 205 cm or 20 – 205 cm
Graduation	1/8" / 1 mm or 1 mm
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	8" – 6 ft 9" / 20 – 205 cm
Graduation	1/8" / 1 mm
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 90 inch
+ Includes heel positioner for ideal three-point measurement
+ Developed for wall installation

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

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

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

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

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

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

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.

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

Order code ON SHM IUT NN

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

Scale	KG-only available
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	Display of user and patient name or ID, TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, Auto-BMI, CLEAR, Auto-CLEAR, lbs/kg switch-over, inch/cm switch-over, damping, standby mode, Wi-Fi, Ethernet
Accessories	+ Handrail seca 455 + Ultrasonic height measurement seca 257 + Barcode scanner mount seca 463 + Panda seca 459 + Large transport wheel set seca 468

Ultrasonic height measurement

Measuring range	3 ft 3" – 7 ft 2" / 100 – 220 cm
Graduation	1/8" / 1 mm
Functions	Automatic calibration

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 and measuring 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.

	KG-only available
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa

seca 644

EMR-validated handrail scale with generous platform

+ Safe weighing due to sturdy handrail
+ Large non-slip platform with 800 pounds 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	KG-only available
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, automatic switch-off, lbs/kg switch-over, damping, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Measuring rod seca 223

Measuring rod seca 223 (optional)	
Measuring range	2 – 90" / 6 – 230 cm or 6 – 230 cm
Graduation	1/8" / 1 mm or 1 mm

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

KG-only available

Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa

The scale can be folded for easy transport.

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

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 800 pounds
+ 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

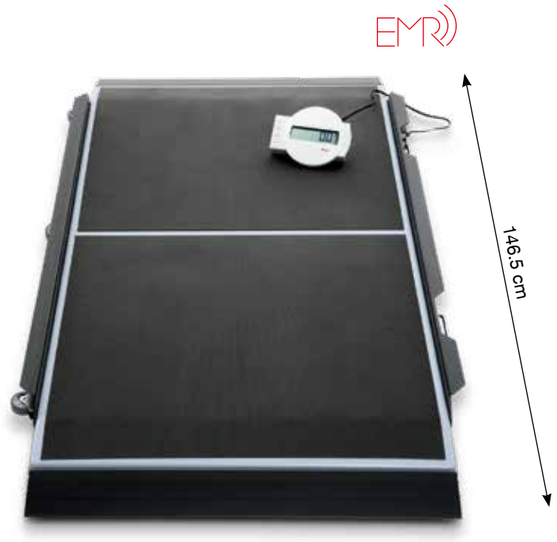
reddot design award

KG-only available

Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, automatic switch-off, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa

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.



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

KG-only available

Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Stand for cable remote display seca 472

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.

Accessory seca 472

Stand for cable remote display

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

seca 674

EMR-validated electronic platform scale

+ Generously sized platform with high capacity of up to 800 pounds
+ Flexible cable remote display with 90 inch 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

KG-only available

Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, lbs/kg 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.

seca 954

EMR-validated chair scale with precise graduation

+ 0.1 pound 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 660 pounds weighing capacity
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

KG-only available

Capacity	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g
Functions	TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, lbs/kg switch-over, damping, automatic switch-off, SEND
Accessories	+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Battery for longer mobile use seca 454

With its exceptionally high capacity of up to 660 pounds, 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.

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 440 pounds.

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

KG-only available

Capacity	440 lbs / 200 kg or 200 kg
Graduation	0.2 lb / 100 g or 100 g
Functions	TARE, Auto-HOLD, lbs/kg 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

KG-only available

Capacity	11 lbs / 5 kg or 5 kg
Graduation	0.05 oz < 6.6 lbs > 0.1 oz / 1 g < 3 kg > 2 g or 1 g < 3 kg > 2 g
Functions	TARE, Pre-TARE, HOLD, lbs/kg 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 6.6 pounds capacity
+ With TARE function

Capacity	6.6 lbs / 3 kg
Graduation	0.05 oz / 1 g
Functions	TARE, lbs/kg 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

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 660 lbs.

KG-only available

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

NEW

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	KG-only available
Capacity	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g
Display type	4.3" tiltable and rotatable touchscreen
Connectivity	Wi-Fi, Ethernet
Ports	USB for barcode scanner
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Measurement duration	24 seconds
Software	seca analytics 125
Required accessory	+ BIA handrail seca mBCA 550
Accessories	+ Ultrasonic height measurement seca 257 + Barcode scanner mount seca 463 + Large transport wheel set seca 468

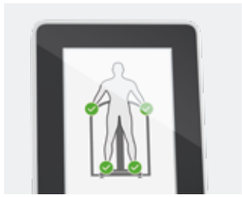
Ultrasonic height measurement seca 257	
Measuring range	3 ft 3" – 7 ft 2" / 100 – 220 cm
Graduation	1/8" / 1 mm
Functions	Automatic calibration

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 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.

Image contains monitor seca 525
and required BIA measuring mat seca 531

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	6.6 lbs / 3 kg
Dimensions (W x H x D)	9.9 x 10.3 x 9.1" / 252 x 262 x 230 mm
Electrode type	Adhesive electrodes (PVC-free)
Display type	7" touchscreen
Connectivity	Wi-Fi, Ethernet, seca 360° wireless technology
Ports	USB 2.0
Measurement method	8-point Bioelectrical Impedance Analysis
Measurement current	100 µA
Measured data storage	Up to 100,000 measurements
Measurement duration	30 seconds
Software	seca analytics 115
Required accessories	+ BIA measuring mat seca 531 + Charging tray seca 490 0018 for BIA measuring mat
Accessories	+ Smart Bucket seca mVSA 526 + 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 mVSA 526

Smart Bucket for the seca mBCA 525*

Image contains the selectable measurement components Masimo SET® SpO_2 finger clip and in-ear thermometer

+ Automatically recognizes connected components
+ Able to be mounted on the stand seca 475
+ Power supply via seca mBCA 525
+ Simple removal and clean storage of all components
+ Cable management: blood pressure, temperature, SpO_2, and bioelectrical impedance analysis

Included	NIBP
Component options	Masimo SET® SpO_2 or seca SpO_2 technology
	In-ear thermometer or temperature probe (oral/axillary) or temperature probe (rectal)

* All seca mBCA 525 with serial number > 10000000090505 can be expanded with seca mVSA 526.

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

NEW

seca mBCA Software

Do more with your measurement results.

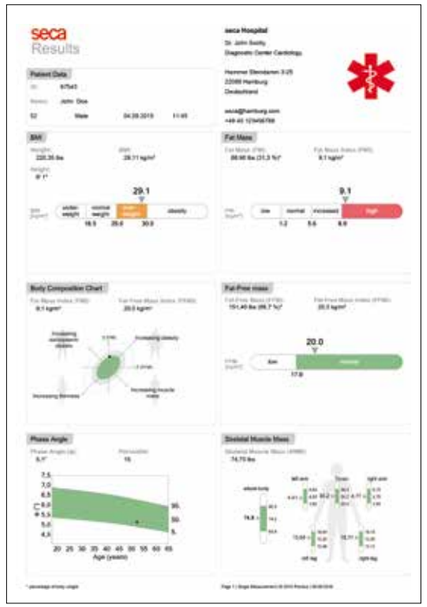
With our software solutions, you can professionally document seca mBCA measurement results, evaluate them and illustrate any changes in body composition. Specific graphics adapted to everyday clinical practice play an integral role in patient motivation, diagnosis, consultation and treatment planning.

Make the body composition visible

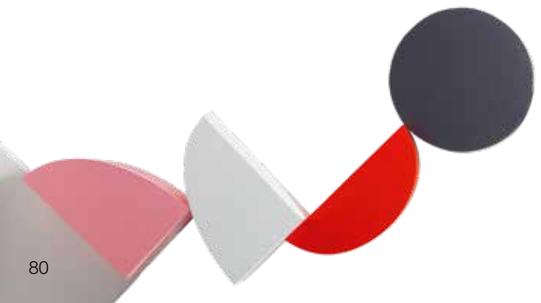
The parameter models developed in collaboration with medical users provide a quick overview of individual nutritional status and help to immediately recognize functional disorders. In addition, parameter models used to answer specific questions can be individually compiled (such as for optimal treatment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

NEW

NEW

VITAL SIGNS*

Simply and routinely monitor vital signs with the seca EMR-validated spot-check monitor.

Monitoring vital signs is a time-consuming task in hospitals and medical practices. The seca mVSA was developed to support these routine checks and makes these measurements more efficient. The four vital parameters blood pressure, SpO_2, pulse rate, and temperature can be measured in one work step using the components integrated into the spot-check-monitor. With the wireless connectivity to other EMR validated devices from seca, height, weight and BMI are immediately and error-free available on the monitor.

* FDA 510(k) clearance pending – not yet for sale in the USA – availability on request.

Medical Vital Signs Analyzer

The medical Vital Signs Analyzer to improve your routines.

seca mVSA 535*

Spot-check-monitor for customized configuration

+ Essential vital signs measurement of blood pressure, SpO_2, pulse and temperature
+ Easy-to-understand graphical presentation of the measurement results on the touchscreen monitor
+ Large internal memory for up to 70,000 measurements
+ Integrated lithium-ion battery in the monitor
+ EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

mvsa.seca.com

Weight	5.9 lbs / 3 kg
Dimensions (W x H x D)	9.9 x 10.3 x 10.9" 254 x 262 x 278 mm
Display type	7" touchscreen
Connectivity	Wi-Fi, Ethernet, seca 360° wireless technology
Ports	2 x USB 2.0
Software	seca connect 103
Component options	Temperature probe (oral/axillary) or temperature probe (rectal)
Accessories	+ Rolling stand seca 475 + Stand mount seca 490 0017 + Carrying case seca 432 + Sphygmomanometer cuff sizes S-XL 490 0001 to 490 0004 + Extension tube 490 0005 for sphygmomanometer cuff + Extension cord 490 0013 for Masimo SET® SpO_2
Consumables	+ Probe covers (oral/axillary, rectal) 490 0015

* FDA 510(k) clearance pending – not yet for sale in the USA – availability on request.

Accessory seca 475

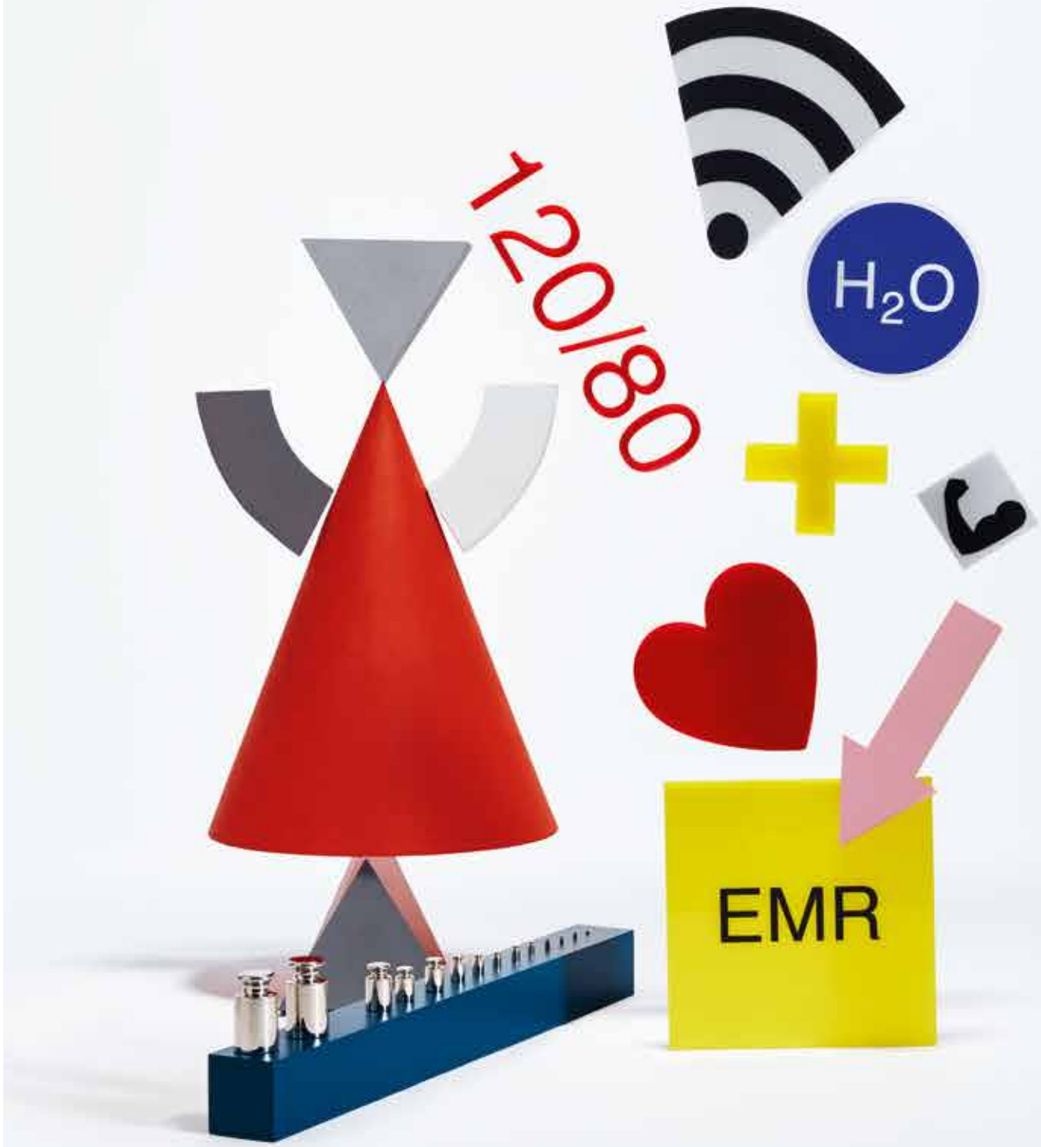
Rolling stand for mobile use

+ Easy mounting of the seca mVSA 535 with the required stand mount seca 490 0017 for mobile clinical use

Image contains required accessory stand mount seca 490 0017

Simple scanning of the patient ID using a USB scanner in order to avoid mix-ups with patient assignment and transmission errors.

It is also possible to measure the vital parameters of children – no additional device required.



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, duplicate 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

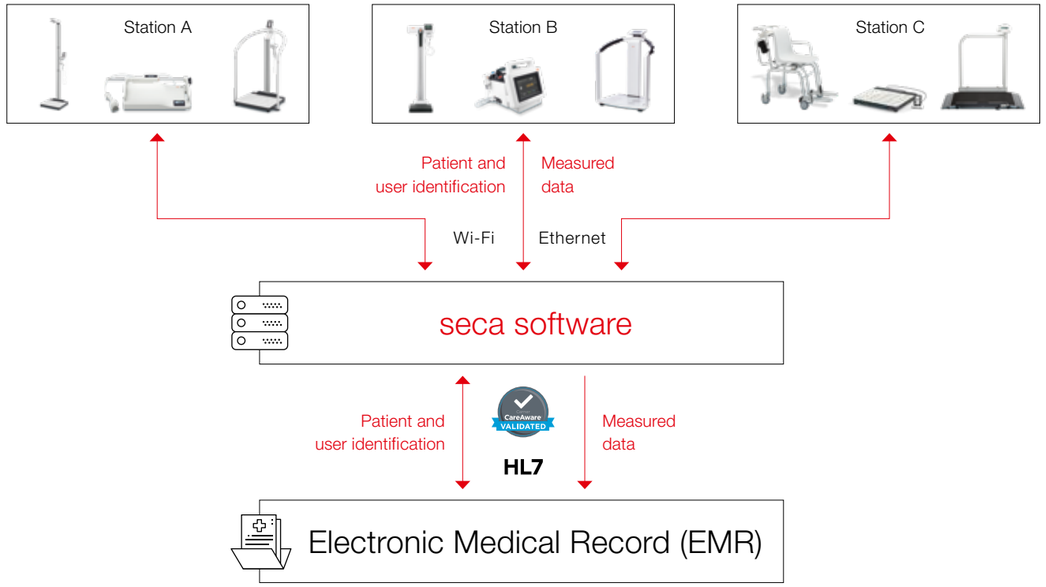
4 Send measurement results to your EMR system at the touch of a button

5 Green LEDs confirm data integration

6 Secure integration into your EMR system

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.



EMR-validated seca products

EMR

Baby scales	Measuring stations	Column scales	Flat scales	Height measuring systems
seca 727	seca Scale-up Line	seca 703	seca 650	seca 274
seca 333 i	seca 286	seca 797	seca 634	seca 264
seca 374	seca 284	seca 787		

Handrail scales	Wheelchair scales	Chair scales	mBCA	mVSA
seca Scale-up Line	seca 676	seca 954	seca mBCA 514	seca mVSA 535
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™.

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

Toll Free Hotline

+1 800 542 7322
seca north america

+49 40 20 00 00 0
seca headquarters

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

Award-winning
services

Toll Free Hotline

Outstanding customer service experts dedicated to our nationwide customers.
Operating times: 9 – 7 EST, 8 – 6 CST, 6 – 4 PST

+1 800 542 7322
seca north america

+49 40 20 00 00 0
seca headquarters

secaservice.com

Baby scales

seca 727

EMR-validated baby scale with very precise graduation

seca 333 i

EMR-validated baby scale with Wi-Fi function

seca 374

EMR-validated baby scale with extra large weighing tray

seca 334

Digital baby scale with practical handle for mobile medical use

seca 354 m

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

seca 354

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

seca 725

Mechanical baby scale with sliding weights

	Page 9	Page 11	Page 12	Page 13	Page 14	Page 14		Page 15
TECHNICAL DATA								
Capacity	44 lbs / 20 kg or 20 kg	44 lbs / 20 kg or 20 kg	44 lbs / 20 kg or 20 kg	44 lbs / 20 kg or 20 kg	44 lbs / 20 kg	44 lbs / 20 kg		32 lbs or 16 kg
Graduation	0.1 oz / 1 g < 6 kg > 2 g or 1 g < 6 kg > 2 g	0.2 oz / 5 g or 5 kg	0.2 oz < 22 lbs > 0.5 oz / 5 g < 10 kg > 10 g or 5 g < 10 kg > 10 g	0.2 oz < 22 lbs > 0.5 oz / 5 g < 10 kg > 10 g or 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		1/4 oz or 5 g
Dimensions (W x H x D)	21.7 x 5.9 x 12.6" 551 x 151 x 320 mm	25.6 x 4.3 x 12.1" 650 x 110 x 308 mm	24.4 x 7.5 x 14.1" 620 x 190 x 358 mm	25.1 x 4.1 x 11.8" 638 x 105 x 300 mm	21.7 x 6.1 x 13.1" 552 x 156 x 332 mm	21.7 x 6.1 x 13.1" 552 x 156 x 332 mm		21.7 x 7.1 x 11.4" 550 x 180 x 290 mm
Dimensions tray (W x H x D)	21.3 x 4.3 x 9.8" 540 x 110 x 250 mm	25.4 x 1.6 x 11.4" 645 x 40 x 290 mm	24.2 x 5.1 x 10.8" 615 x 130 x 275 mm	23.4 x 2 x 10" 595 x 50 x 255 mm	20.7 x 3.1 x 9.8" 525 x 80 x 250 mm	20.7 x 3.1 x 9.8" 525 x 80 x 250 mm		21.7 x 4.3 x 10.6" 550 x 110 x 270 mm
Dimensions platform (W x H x D)					11 x 2.6 x 9.3" 280 x 65 x 235 mm	11 x 2.6 x 9.3" 280 x 65 x 235 mm		
Weight	15.7 lbs / 7.1 kg	7.7 lbs / 3.7 kg	7.9 lbs / 3.6 kg	6.2 lbs / 2.8 kg	5 lbs / 2.3 kg	5 lbs / 2.3 kg		14.1 lbs / 6.4 kg
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	•	•	•	•	•	•		
lbs/kg switch-over	•	•	•	•	•	•		
Auto weighing range switch-over	•	•						
Damping	•	•	•					
Reset-to-zero function								•
Acoustic signals can be activated	•	•	•					
RESET	•	•	•					
Automatic switch-off	•	•		•	•	•		
SEND / Auto-SEND	•	configurable via seca software	•					
Confirm button		•						
Wi-Fi	optional with seca 452	•						
Ethernet	optional with seca 452							
Integrated measuring tape	•							
ACCESSORIES								
Interface module	seca 452							
USB adapter			seca 456, seca 456 wa					
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			400	400				
Sling seat								
Carrying case		seca 428		seca 428	seca 413, seca 414	seca 413, seca 414		
Backpack					seca 409	seca 409		
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

Cart for mobile support with customized indentations for baby scales seca 727, seca 374, seca 333 i, seca 334 and seca 354 m / 354

Page 9

seca 402

Cart for mobile support with customized indentations for baby scales seca 727, seca 374, seca 333 i, seca 334 and seca 354 m / 354

Page 9

seca 234

Digital measuring rod for baby scale seca 333 i

Page 11

seca 232 n

Analog measuring rod for baby scale seca 333 i

Page 11

seca 233

Measuring rod for baby scale seca 374

Page 12

seca 232

Measuring rod for baby scale seca 334

Page 13

TECHNICAL DATA						
Maximum load	99.2 lbs / 45 kg	99.2 lbs / 45 kg				
Measuring range			14–32" / 35–80 cm or 35–80 cm	14–32" / 35–80 cm	14–32" / 35–80 cm	14–32" / 35–80 cm
Graduation			1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 m
Graduation digital display			1 mm / 5 mm / 10 mm (configurable) / 1/8"			
Dimensions (W x H x D)	28.1 x 31.5 x 17.1" 715 x 800 x 435 mm	28.1 x 31.5 x 17.1" 715 x 800 x 435 mm	34.5 x 3.6 x 11.7" 877 x 92 x 297 mm	34.5 x 3.6 x 10.5" 877 x 92 x 266 mm	25.2 x 7 x 11.7" 641 x 179 x 296 mm	25.2 x 5.7 x 10.9" 640 x 145 x 277 mm
Diameter						
Weight	60.6 lbs / 27.5 kg	25.4 lbs / 11.5 kg	2.9 lbs / 1.3 kg	2.6 lbs / 1.2 kg	1.5 lbs / 700 g	1.1 lbs / 512 g

seca 452

Interface module to transmit measurements to EMR systems

Page 9

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 12

400

Switch-mode power adapter for baby scale seca 374

Page 12

seca 454

Battery for longer mobile use of baby scales seca 727 and seca 333 i

Page 9

seca 454

Battery for longer mobile use of baby scales seca 727 and seca 333 i in combination with mobile carts seca 403 and seca 402

Page 9

TECHNICAL DATA					
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	1.7 x 1.4 x 2.9" 42 x 35 x 73 mm		
Cable length			72.8" / 1.85 m	45.2" / 1.15 m	45.2" / 1.15 m
Weight	0.4 lb / 180 g	0.026 lb / 12 g	0.3 lb / 155 g	0.7 lb / 345 g	0.7 lb / 345 g

seca 428

Carrying case for baby scales seca 333 i and seca 334

Page 11

seca 409

Backpack to transport baby scales seca 354 m / 354 together with the measuring board seca 417 or the measuring mat seca 210

Page 14

seca 414

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

Page 14

seca 413

Carrying case for baby scales seca 354 m / 354

Page 14

TECHNICAL DATA				
Dimensions (W x H x D)	24.8 x 13 x 4.3" 650 x 320 x 110 mm	14.6 x 24.8 x 5.5" 370 x 630 x 140 mm	24.6 x 13.8 x 8.3" 625 x 350 x 210 mm	22.4 x 5.9 x 13" 570 x 150 x 330 mm
Weight	2.6 lbs / 1.2 kg	3.5 lbs / 1.6 kg	6.2 lbs / 2.8 kg	1.9 lbs / 900 g

Pediatric measuring systems

seca 416

Infantometer for measuring babies and toddlers

Page 17

seca 417

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

Page 18

seca 210

Mobile measuring mat for babies and toddlers

Page 20

seca 207

Baby measuring rod with large calipers (wall mounting possible)

Page 21

seca 212

Measuring tape for head circumference of babies and toddlers (for measuring head circumference and symmetry)

Page 21

TECHNICAL DATA						
Measuring range	13–39" / 33–100 cm or 33–100 cm	4–39" / 10–100 cm	4–39" / 10–99 cm or 10–99 cm	3–39" / 7–99 cm	1–23" / 3–59 cm	
Graduation	1/16" / 1 mm or 1 mm	1/16" / 1 mm or 1 mm	1/4" / 5 mm or 5 mm	1/8" / 1 mm	1/16" / 1 mm	
Dimensions (W x H x D)	43.4 x 6.7 x 15.8" 1,103 x 169 x 402 mm	43.7 x 4.5 x 13.1" 1,110 x 115 x 333 mm	49.2 x 5.5 x 11.8" 1,250 x 140 x 300 mm	1,042 x 120 x 288 mm 41.0 x 4.7 x 11.3"	1 x 0.01 x 26.1" 25 x 0.2 x 663 mm	
Dimensions when folded (W x H x D)		22.7 x 4.5 x 13.1" 577 x 115 x 333 mm	4.7 x 5.5 x 11.8" 120 x 140 x 300 mm	1,042 x 120 x 35 mm 41.0 x 4.7 x 1.3"		
Dimensions box (W x H x D)					5.5 x 5.7 x 1.2" 140 x 145 x 30 mm	
Weight	8.3 lbs / 3.8 kg	3.5 lbs / 1.6 kg	1.3 lbs / 575 g	1.8 lbs / 810 g	0.1 lb / 100 g (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

Backpack to transport measuring board seca 417 or measuring mat seca 210 together with baby scales seca 354 m / 354

Page 18

seca 414

Case with handle and shoulder strap for measuring board seca 417 or measuring mat seca 210 together with baby scales seca 354 m / 354

Page 18

seca 412

Carrying case for measuring board seca 417

Page 18

TECHNICAL DATA			
Dimensions (W x H x D)	14.6 x 24.8 x 5.5" 370 x 630 x 140 mm	24.6 x 13.8 x 8.3" 625 x 350 x 210 mm	27 x 16.8 x 2.2" 686 x 427 x 56 mm
Weight	3.5 lbs / 1.6 kg	6.2 lbs / 2.8 kg	1.4 lbs / 650 g

Measuring stations

CE 0123

seca Scale-up Line

EMR-validated ultrasonic measuring station with ID-Display™

Order code:
ON SMM IUT NN

Page 24

CE 0123

seca Scale-up Line

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

Order code:
ON SHM IUT NN

Page 25

CE 0123

seca 286

EMR-validated ultrasonic measuring station with voice guidance

Page 26

CE 0123

seca 284

EMR-validated measuring station for height and weight

Page 27

TECHNICAL DATA				
Capacity	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	660 lbs / 300 kg or 300 kg	660 lbs / 300 kg or 300 kg
Graduation	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g
Measuring range measuring rod	1 ft 12" – 7 ft 2" 60 – 220 cm	3 ft 3" – 7 ft 2" 100 – 220 cm	1 ft 12" – 6 ft 10" 60 – 210 cm	11" – 7 ft 2" 30 – 220 cm
Graduation measuring rod	1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 mm
Dimensions (W x H x D)	23.6 x 94.0 x 24.2" 600 x 2,387 x 614 mm	31.5 x 94.0 x 25.6" 801 x 2,387 x 650 mm	17.1 x 89.4 x 18.3" 434 x 2,270 x 466 mm	17.1 x 94.3 x 18.3" 434 x 2,394 x 466 mm
Dimensions platform (W x H x D)	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	16.9 x 2.4 x 14.4" 430 x 60 x 365 mm	16.9 x 2.4 x 14.4" 430 x 60 x 365 mm
Weight	48.5 lbs / 22 kg	63.9 lbs / 29 kg	36.5 lbs / 16.5 kg	35.3 lbs / 16 kg
Power supply	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	•	•	•	•
lbs/kg switch-over	•	•	•	•
inch/cm 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		
Ultrasonic height measurement	seca 257	seca 257		
Handrail		seca 455		
ACCESSORIES				
Interface module			seca 452	seca 452
USB adapter			seca 456, seca 456 wa	seca 456, seca 456 wa
Handrail	seca 455			
Barcode scanner mount	seca 463	seca 463		
Panda	seca 459	seca 459	seca 459	seca 459
Large transport wheel set	seca 468	seca 468		
EMR-VALIDATED				
to any EMR system	•	•	•	•

Accessories for measuring stations

seca 452

Interface module to transmit measurements to EMR systems

Page 26

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 26

seca 455

Handrail for seca Scale-up Line for order code ON SMM IUT NN

Page 25

seca 463

Barcode scanner mount for seca Scale-up Line for order codes ON SMM IUT NN and ON SHM IUT NN

Page 25

seca 459

Panda for seca Scale-up Line for order codes ON SMM IUT NN and ON SHM IUT NN, seca 286 and seca 284

Page 25

seca 468

Large transport wheel set for seca Scale-up Line for order codes ON SMM IUT NN and ON SHM IUT NN

Page 25

TECHNICAL DATA						
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	31.5 x 44.0 x 21.3" 801 x 1,120 x 543 mm	3.0 x 2.9 x 5.9" 76 x 75 x 152 mm	14.9 x 26.3 x 1.7" 380 x 670 x 44 mm	
Weight	0.4 lb / 180 g	0.026 lb / 12 g	15.4 lbs / 7 kg	0.4 lb / 200 g	1.1 lbs / 500 g	

Column scales

seca 703

EMR-validated column scale with 660 lbs capacity

Page 29

seca 703

EMR-validated column scale with stadiometer

Page 30

seca 797

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

Page 31

seca 787

EMR-validated column scale with eye-level display

Page 32

seca 777

Digital column scale with eye-level display

Page 34

seca 769

Electronic column scale with BMI function

Page 35

seca 719

Column scale with four weight sensors for a stable stance

Page 35

seca 700

Mechanical column scale with eye-level beam

Page 36

seca 755

Mechanical column scale with BMI display and evaluation

Page 37

TECHNICAL DATA									
Capacity	660 lbs / 300 kg or 300 kg	660 lbs / 300 kg or 300 kg	550 lbs / 250 kg or 250 kg	550 lbs / 250 kg or 250 kg	550 lbs / 250 kg or 250 kg	450 lbs / 200 kg or 200 kg	400 lbs / 180 kg	400 lbs / 160 kg or 500 lbs or 220 kg	350 lbs / 160 kg or 160 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g	0.2 lb / 100 g or 100 g	0.2 lb / 100 g or 100 g	0.2 lb / 100 g or 100 g	0.2 lb / 100 g or 100 g	0.2 lb / 100 g	1/4 lb / 100 g or 1/8 lb or 50 g	1 lb / 500 g or 500 g
Measuring range measuring rod		3 – 90" / 6 – 230 cm	4 – 90" / 10 – 230 cm	4 – 90" / 10 – 230 cm	4 – 90" / 10 – 230 cm				
Digital measuring range measuring rod			48 – 90" / 122 – 230 cm	48 – 90" / 122 – 230 cm					
Graduation measuring rod		1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 mm	1/8" / 1 mm				
Dimensions (W x H x D)	14.2 x 36.6 x 20.5" 360 x 930 x 520 mm	360 x 1,408 x 520 mm 14.2 x 55.4 x 20.5"/ 1/8"	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" 410 x 1,356 x 576 mm	11.6 x 32.7 x 16.4" 294 x 831 x 417 mm	13.8 x 13.8 x 17.1" 350 x 955 x 435 mm	20.5 x 61.3 x 20.5" 520 x 1,556 x 520 mm	14.2 x 39.4 x 24.7" 360 x 1,000 x 628 mm
Dimensions platform (W x H x D)	13.2 x 3.1 x 13.6" 335 x 80 x 345 mm	13.2 x 3.1 x 13.6" 335 x 80 x 345 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" 350 x 59 x 418 mm	10.7 x 3 x 11" 272 x 75 x 280 mm	13.8 x 2 x 13.8" 350 x 50 x 350 mm	13.2 x 3.1 x 13.6" 335 x 80 x 345 mm	13.2 x 3.1 x 13.6" 335 x 80 x 345 mm
Weight	33.5 lbs / 15.2 kg	38.8 lbs / 17.6 kg	28.9 lbs / 13.1 kg	28.4 lbs / 12.9 kg	28.0 lbs / 12.7 kg	13.7 lbs / 6.2 kg	13.4 lbs / 6.1 kg	35.7 lbs / 16.2 kg	39.9 lbs / 18.1 kg
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	•	•							
lbs/kg switch-over	•	•	•	•	•	•	•		
inch/cm switch-over			•	•	•				
Damping	•	•	•	•					
Reset-to-zero function						•		•	•
Acoustic signals can be activated	•	•							
RESET	•	•							
Automatic switch-off	•	•		•		•			
SEND/Auto-SEND	•	•							
Integrated measuring rod		•	•	•	•				
Transport wheels	•	•	•	•	•			•	•
Wi-Fi / Ethernet	optional with seca 452	optional with seca 452	•						
lbs/kg switch-over lock			•	•	•				
Confirm button			•	•					
Step-off							•		
Tap-on automatic switch-on							•		
INCLUDED									
Measuring rod	seca 220					seca 220		seca 220	
ACCESSORIES									
Interface module	seca 452	seca 452							
USB adapter	seca 456, seca 456 wa	seca 456, seca 456 wa							
Measuring rod	seca 224					seca 224			seca 224
Power adapter	400	400		401	401	400			
Panda	seca 459	seca 459				seca 459			seca 459
EMR-VALIDATED									
to any EMR system	•	•	•	•					

Accessories for column scales see page 107

Flat scales

seca 650

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

Page 39

seca 634

EMR-validated flat scale with extra-large platform

Page 40

seca 869

Digital flat scale with cable remote display

Page 41

seca 874

Flat scale with foot switches and double display

Page 41

seca 876

Digital flat scale with foot pedal

Page 42

seca 874 dr

Flat scale with customizable label

Page 42

seca 813 bt

Digital flat scale with bluetooth interface and high capacity

Page 43

seca 813

High capacity digital flat scale for individual patient use

Page 43

seca 807

Digital personal scale with extra-flat dimensions

Page 44

seca 803

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

Page 44

seca 762

Mechanical flat scale with 1 pound graduation

Page 45

seca 760

Mechanical flat scale with 1 kg graduation

Page 45

seca 750

Robust mechanical floor scale

Page 45

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	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	550 lbs / 250 kg	440 lbs / 200 kg	550 lbs / 250 kg	440 lbs / 200 kg	440 lbs / 200 kg	440 lbs / 200 kg	330 lbs / 150 kg	330 lbs / 150 kg	320 lbs / 150 kg or 320 lbs or 150 kg	320 lbs or 150 kg	320 lbs / 150 kg or 320 lbs or 150 kg
Graduation	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.2 lb < 330 lbs > 0.5 lb / 100 g < 150 kg > 200 g or 100 g < 150 kg > 200 g	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g	0.2 lb < 330 lbs > 0.5 lb / 100 g < 150 kg > 200 g	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g	0.2 lb / 100 g	0.2 lb / 100 g	0.2 lb / 100 g	0.2 lb / 100 g	1 lb / 500 g or 1 lb or 500 g	1 lb or 1 kg	1 lb / 1 kg or 1 lb or 1 kg
Dimensions (W x H x D)	23.6 x 2.7 x 22.5" 600 x 70 x 574 mm	25.2 x 2.1 x 23.6" 640 x 53 x 600 mm	12.6 x 2.4 x 14" 321 x 60 x 356 mm	12.6 x 2.4 x 14.2" 321 x 60 x 361 mm	12.6 x 2.4 x 14" 321 x 60 x 356 mm	12.6 x 2.4 x 14.2" 321 x 60 x 361 mm	17 x 1.9 x 14.7" 433 x 47 x 373 mm	17 x 1.9 x 14.7" 433 x 47 x 373 mm	12.2 x 1.5 x 12.2" 310 x 37 x 310 mm	12.4 x 1.5 x 12.8" 316 x 37 x 326 mm	12 x 4.7 x 18.5" 305 x 120 x 470 mm	11.9 x 4.6 x 18.5" 303 x 118 x 470 mm	12.5 x 4.6 x 18.8" 317 x 117 x 477 mm
Dimensions platform (W x H x D)	23.6 x 2.8 x 18.4" 600 x 70 x 467 mm	22 x 2.2 x 22" 560 x 55 x 560 mm	11 x 2.4 x 10.9" 280 x 60 x 278 mm	11.3 x 2.4 x 11" 288 x 60 x 280 mm	11.3 x 2.4 x 10.9" 288 x 60 x 278 mm	11.3 x 2.4 x 11" 288 x 60 x 280 mm	15.7 x 1.8 x 11.8" 400 x 45 x 300 mm	15.7 x 1.8 x 11.8" 400 x 45 x 300 mm	12.2 x 1.5 x 12.2" 310 x 37 x 310 mm	11.6 x 1.4 x 12" 295 x 35 x 305 mm	10.2 x 2.8 x 10.4" 260 x 70 x 265 mm	10.4 x 2.8 x 10.4" 265 x 70 x 265 mm	11.4 x 2.8 x 11.4" 290 x 70 x 290 mm
Cable length	157.4" / 4.0 m	98.4" / 2.5 m	78.7" / 2 m										
Weight	30.8 lbs / 14.0 kg	31.7 lbs / 14.4 kg	9.9 lbs / 4.5 kg	9 lbs / 4.1 kg	9.3 lbs / 4.2 kg	9 lbs / 4.1 kg	6.3 lbs / 2.9 kg	6.3 lbs / 2.9 kg	4.4 lbs / 2 kg	3.3 lbs / 1.5 kg	7.7 lbs / 3.5 kg	7.7 lbs / 3.5 kg	7.7 lbs / 3.5 kg
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	•												
Auto-CLEAR	•	•											
lbs/kg 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											
USB adapter		seca 456, seca 456 wa											
Stadiometer			seca 217	seca 217	seca 217	seca 217							
Ultrasonic height measurement	seca 257												
Handrail	seca 455												
Stand for cable remote display		seca 472											
Adapter element	seca 464		seca 437	seca 437	seca 437								
Power adapter		400	400			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

Interface module to transmit measurements to EMR systems

Page 40

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 40

seca 472

Stand for display elements of seca scales with cable remote display

Page 40

400

Switch-mode power adapter for flat scales seca 634, seca 869, seca 874 and seca 874 dr

Page 40

TECHNICAL DATA				
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	18.1 x 40.7 x 18.1" 460 x 1,035 x 460 mm	1.7 x 1.4 x 2.9" 42 x 35 x 73 mm
Cable length				72.8" / 1.85 m
Weight	0.4 lb / 180 g	0.026 lb / 12 g	17.2 lbs / 7.8 kg	0.3 lb / 155 g

seca 464

Adapter element for the flat scale seca 650 for connection with the ultrasonic height measurement seca 257

Page 39

seca 257

Ultrasonic height measurement for flat scale seca 650 in combination with adapter element seca 464

Page 39

seca 455

Handrail for flat scale seca 650

Page 39

seca 437

Adapter element for the stadiometer 217 for connection with the flat scales seca 869, seca 874, seca 876 or seca 874 dr

Page 41

seca 217

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 41

TECHNICAL DATA					
Measuring range		1 ft 12" – 7 ft 2" / 60 – 220 cm or 3 ft 3" – 7 ft 2" / 100 – 220 cm (with handrail)			8" – 6 ft 9" / 20 – 205 cm or 20 – 205 cm
Graduation		1/8" / 1 mm			1/8" / 1 mm or 1 mm
Dimensions (W x H x D)	29.5 x 5.9 x 13.6" 750 x 150 x 345 mm	6.8 x 90.7 x 17.1" 173 x 2,304 x 435 mm	31.5 x 44.0 x 21.3" 801 x 1,120 x 543 mm	13.1 x 3.4 x 12.2" 333 x 86 x 310 mm	12.9 x 84.4 x 22.6" 328 x 2,145 x 574 mm
Weight	4.4 lbs / 2 kg	14.3 lbs / 6.5 kg	20.9 lbs / 9.5 kg	1.3 lbs / 600 g	7.9 lbs / 3.6 kg

seca 409

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

Page 41

seca 414

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

Page 41

seca 421

Stable and roomy carrying case for the flat scales seca 869, seca 874, seca 874 dr and seca 876

Page 41

seca 415

Carrying case for the flat scales seca 874, seca 874 dr and seca 876

Page 41

TECHNICAL DATA				
Dimensions (W x H x D)	14.6 x 24.8 x 5.5" 370 x 630 x 140 mm	24.6 x 13.8 x 8.3" 625 x 350 x 210 mm	16.9 x 13.8 x 5.1" 430 x 350 x 130 mm	13 x 15 x 2.8" 330 x 380 x 70 mm
Weight	3.5 lbs / 1.6 kg	6.2 lbs / 2.8 kg	1.8 lbs / 810 g	1.8 lbs / 800 g

Accessories for column scales

seca 452

Interface module to transmit measurements to EMR systems

Page 29

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 29

seca 220

Telescopic measuring rod for column scales seca 703, seca 769 and seca 700

Page 29

seca 224

Telescopic measuring rod for column scales seca 703, seca 769 and seca 755

Page 29

seca 459

Panda for seca 703, seca 769 and seca 755

Page 29

TECHNICAL DATA					
Measuring range				max. 78" / 200 cm	60 – 200 cm	
Graduation				1/8" / 1 mm or 1 mm	1 mm	
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm		2.2 x 58.3 x 11.3" 57 x 1,480 x 286 mm	2.2 x 79.5 x 11.3" 57 x 2,020 x 286 mm	14.9 x 26.3 x 1.7" 380 x 670 x 44 mm
Weight	0.4 lb / 180 g	0.026 lb / 12 g		1.5 lbs / 700 g	3.1 lbs / 1.4 kg	1.1 lbs / 500 g

400

Switch-mode power adapter for seca 703 and seca 769

Page 29

401

Power adapter for column scales seca 787 and seca 777

Page 32

TECHNICAL DATA		
Dimensions (W x H x D)	1.7 x 1.4 x 2.9" 42 x 35 x 73 mm	3.1 x 1.6 x 2.9" 80 x 40 x 75 mm
Cable length	72.8" / 1.85 m	78.7" / 2.00 m
Weight	0.3 lb / 155 g	0.2 lb / 100 g

Height measuring systems

seca 274

EMR-validated, free-standing stadiometer with digital display, Frankfurt Line and heel positioner for precise measurements

Page 47

seca 264

Wall-mounted, EMR-validated stadiometer with display on the headpiece and easy-to-clean floor mat

Page 48

seca 217

Stand-alone stadiometer for height measurement, with spacer, consisting of parts that fit together perfectly for transport ease

Page 50

seca 213

Stand-alone stadiometer for height measurement, easily assembled for convenient transport

Page 51

seca 222

Mechanical telescopic measuring rod with large measuring range

Page 51

seca 216

Mechanical measuring rod for children and adults

Page 52

seca 206

Mechanical measuring tape with wall attachment

Page 52

seca 203

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

Page 53

seca 201

Ergonomic circumference measuring tape

Page 53

TECHNICAL DATA

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

FUNCTIONS

HOLD	•	•							
WHR calculator								•	
inch/cm switch-over	•	•							
Acoustic signals can be activated	•	•							
RESET	•	•							
Calibration / automatic calibration	•	•							
User-defined zero setting	•	•							
Backlighting	•	•							
Automatic switch-off	•	•							
SEND / Auto-SEND	•	•							

ACCESSORIES

Interface module	seca 456, seca 456 wa	seca 456, seca 456 wa							
Adapter element			seca 437						
Backpack			seca 409						
Carrying case			seca 414, seca 412	seca 412					

AREAS OF APPLICATION

Can be mounted		•			•	•	•		
Mobile measuring			•	•				•	•

EMR-VALIDATED

to any EMR system	•	•							

Accessories for height measuring systems

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 47

seca 437

Adapter element for stadiometer seca 217 for connection with the flat scales seca 869, seca 874, seca 874 dr or seca 876

Page 50

TECHNICAL DATA

Dimensions (W x H x D)	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	13.1 x 3.4 x 12.2" 333 x 86 x 310 mm
Weight	0.026 lb / 12 g	1.3 lbs / 600 g

seca 409

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

Page 50

seca 414

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

Page 50

TECHNICAL DATA

Dimensions (W x H x D)	14.6 x 24.8 x 5.5" 370 x 630 x 140 mm	24.6 x 13.8 x 8.3" 625 x 350 x 210 mm
Weight	1.3 lbs / 600 g	6.2 lbs / 2.8 kg

seca 412

Carrying case for the mobile stadiometer seca 217 and seca 213

Page 50

TECHNICAL DATA

Dimensions (W x H x D)	27 x 16.8 x 2.2" 686 x 427 x 56 mm
Weight	1.4 lbs / 650 g

Handrail scales

CE 0123

seca Scale-up Line

EMR-validated handrail scale with ID-Display™

Order code:
ON SHM INT NN

Page 56

CE 0123

seca Scale-up Line

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

Order code:
ON SHM IUT NN

Page 57

CE 0123

seca 684

EMR-validated multifunctional scale

Page 58

CE 0123

seca 644

EMR-validated handrail scale with generous platform

Page 59

TECHNICAL DATA

Capacity	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g
Measuring range measuring rod		3 ft 3" – 7 ft 2" / 100–220 cm		
Graduation measuring rod		1/8" / 1 mm		
Dimensions (W x H x D)	31.5 x 50.4 x 25.7" 801 x 1,280 x 653 mm	31.5 x 94.0 x 25.6" 801 x 2,387 x 650 mm	35.8 x 43.3 x 41.9" 910 x 1,100 x 1,064 mm	25.2 x 45.3 x 26" 640 x 1,150 x 660 mm
Dimensions/platform (W x H x D)	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	31.5 x 2.2 x 33.1" 800 x 55 x 840 mm	23.6 x 2.2 x 23.6" 600 x 55 x 600 mm
Weight	55.1 lbs / 25 kg	63.9 lbs / 29 kg	131.2 lbs / 59.5 kg	55.9 lbs / 25.4 kg
Power supply	Power adapter	Power adapter	Power adapter	Power adapter, rechargeable batteries

FUNCTIONS

TARE/Pre-TARE	•	•	•	•
HOLD	•	•	•	•
Auto-HOLD	•	•	•	•
BMI			•	•
Auto-CLEAR	•	•	•	•
lbs/kg 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	•	•		
inch/cm 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		
Handrail	seca 455	seca 455		
Ultrasonic height measurement		seca 257		

ACCESSORIES

Interface module			seca 452	seca 452
USB adapter			seca 456, seca 456 wa	seca 456, seca 456 wa
Ultrasonic height measurement	seca 257			
Measuring rod				seca 223
Barcode scanner mount	seca 463	seca 463		
Panda	seca 459	seca 459		
Large transport wheel set	seca 468	seca 468		

EMR-VALIDATED

to any EMR system	•	•	•	•

Accessories for handrail scales

seca 452

Interface module to transmit measurements to EMR systems

Page 58

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 58

seca 257

Ultrasonic height measurement for seca Scale-up Line (order code ON SHM INT NN)

Page 57

seca 463

Barcode scanner mount for seca Scale-up Line (order codes ON SHM INT NN and ON SHM IUT NN)

Page 57

seca 459

Panda for seca Scale-up Line (order codes ON SHM INT NN and ON SHM IUT NN)

Page 57

seca 468

Large transport wheel set for seca Scale-up Line (order codes ON SHM INT NN and ON SHM IUT NN)

Page 57

TECHNICAL DATA

Measuring range			3 ft 3" – 7 ft 2" / 100–220 cm			
Graduation			1/8" / 1 mm			
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	6.8 x 90.7 x 17.1" 173 x 2,304 x 435 mm	3.0 x 2.9 x 5.9" 76 x 75 x 152 mm	14.9 x 26.3 x 1.7" 380 x 670 x 44 mm	
Weight	0.4 lb / 180 g	0.026 lb / 12 g	14.3 lbs / 6.5 kg	0.4 lb / 200 g	1.1 lbs / 500 g	

seca 223

Telescopic measuring rod for the handrail scale seca 644

Page 59

TECHNICAL DATA

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

Wheelchair scales

seca 676

EMR-validated wheelchair scale with handrail and transport wheels

Page 61

seca 664

EMR-validated electronic wheelchair scale

Page 62

seca 656

EMR-validated electronic platform scale with innovative memory function

Page 64

seca 674

EMR-validated electronic platform scale

Page 65

TECHNICAL DATA				
Capacity	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg
Graduation	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g
Dimensions (W x H x D)	36.2 x 44.1 x 45.3" 920 x 1,120 x 1,150 mm	43.4 x 35.9 x 45.3" 1,102 x 912 x 1,150 mm	35.2 x 3.4 x 65.2" 893 x 87 x 1,655 mm	35.6 x 2.8 x 41.9" 904 x 70 x 1,064 mm
Dimensions platform (W x H x D)	31.5 x 2.2 x 38" 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 57.7" 800 x 55 x 1,465 mm	31.5 x 2.2 x 38" 800 x 55 x 965 mm
Weight	83.8 lbs / 38 kg	73.6 lbs / 33.4 kg	101.9 lbs / 46.2 kg	59.5 lbs / 27 kg
Power supply	Power adapter	Power adapter, rechargeable batteries	Power adapter	Power adapter
FUNCTIONS				
TARE/Pre-TARE	•	•	•	•
HOLD	•	•	•	•
Auto-HOLD	•	•	•	•
BMI	•	•	•	•
Auto-CLEAR	•	•	•	
lbs/kg switch-over	•	•	•	•
Damping	•	•	•	•
RESET	•	•	•	•
Automatic switch-off		•		
SEND / Auto-SEND	•	•	•	•
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
USB adapter	seca 456, seca 456 wa	seca 456, seca 456 wa	seca 456, seca 456 wa	
Stand for cable remote display			seca 472	seca 472
EMR-VALIDATED				
to any EMR system	•	•	•	•

Accessories for wheelchair scales

seca 452

Interface module to transmit measurements to EMR systems

Page 55

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 55

seca 472

Stand for display elements of seca scales with cable remote display

Page 59

TECHNICAL DATA			
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	18.1 x 40.7 x 18.1" 460 x 1,035 x 460 mm
Weight	0.4 lb / 180 g	0.026 lb / 12 g	17.2 lbs / 7.8 kg

Chair scales

seca 954

EMR-validated chair scale with precise graduation

Page 67

seca 952

Chair scale for weighing while seated

Page 68

TECHNICAL DATA		
Capacity	660 lbs / 300 kg or 300 kg	440 lbs / 200 kg or 200 kg
Graduation	0.1 lb < 330 lbs > 0.2 lb 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g	0.2 lb / 100 g or 100 g
Dimensions (W x H x D)	22.17 x 35.31 x 38.5" 563 x 897 x 978 mm	22.17 x 35.31 x 37.64" 563 x 897 x 956 mm
Weight	54 lbs / 24.5 kg	49.4 lbs / 22.4 kg
Power supply	Power adapter, rechargeable batteries	Batteries
FUNCTIONS		
TARE	•	•
Pre-TARE	•	
HOLD	•	
Auto-HOLD	•	•
BMI	•	
Auto-CLEAR		
lbs/kg switch-over	•	•
Damping	•	
RESET	•	
Automatic switch-off	•	•
SEND / Auto-SEND	•	
Wi-Fi / Ethernet	optional with seca 452	
ACCESSORIES		
Interface module	seca 452	
USB adapter	seca 456, seca 456 wa	
Battery for longer mobile use	seca 454	
EMR-VALIDATED		
to any EMR system	•	

Accessories for chair scales

seca 452

Interface module to transmit measurements to EMR systems

Page 67

seca 456 / 456 wa

USB adapter for data reception on PC, seca 456 wa for transmission to a Welch Allyn CVSM, CSM or Integrated Wall System

Page 67

seca 454

Battery for longer mobile use von chair scale seca 954

Page 67

TECHNICAL DATA			
Dimensions (W x H x D)	3.7 x 4.4 x 1.4" 95 x 113 x 35 mm	3.3 x 0.9 x 0.4" 85 x 23 x 10 mm	
Weight	0.4 lb / 180 g	0.026 lb / 12 g	0.7 lb / 345 g

Specialized scales

seca 856

Digital organ and diaper scale with stainless steel cover

Page 71

seca 852

Digital portion and diet scale

Page 71

TECHNICAL DATA		
Capacity	11 lbs / 5 kg or 5 kg	6.6 lbs / 3 kg
Graduation	0.05 oz < 6.6 lbs > 0.1 oz / 1 g < 3 kg > 2 g or 1 g < 3 kg > 2 g	0.05 oz / 1 g
Dimensions (W x H x D)	10.4 x 2.1 x 10.4" 265 x 53 x 265 mm	8.3 x 5.5 x 8.3" 210 x 140 x 210 mm
Dimensions/scale platform (WxHxD)	9.3 x 0.2 x 6.7" 235 x 5 x 170 mm	5.5 x 2.1 x 5.5" 140 x 53 x 140 mm
Weight	4.2 lbs / 1.9 kg	1.6 lbs / 710 g
Power supply	Batteries	Batteries
FUNCTIONS		
TARE	•	•
Pre-TARE	•	
HOLD	•	
lbs/kg switch-over	•	•
Automatic switch-off	•	•

Medical Body Composition Analyzers

	seca mBCA 514	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 Order code: ON IHM IUT NN	Medical Body Composition Analyzer Order code: ON IHM INT NN	Medical Body Composition Analyzer for determining body composition in a lying position
	Page 75	Page 76	Page 76	Page 78
GENERAL				
Capacity	660 lbs / 300 kg or 300 kg	800 lbs / 360 kg or 360 kg	800 lbs / 360 kg or 360 kg	
Graduation	0.1 lb < 330 lbs > 0.2 lb / 50 g < 150 kg > 100 g or 50 g < 150 kg > 100 g	0.1 lb / 50 g or 50 g	0.1 lb / 50 g or 50 g	
Dimensions (W x H x D)	38.4 x 49.3 x 32.6" 976 x 1,251 x 828 mm	33.0 x 94.0 x 25.6" 838 x 2,387 x 650 mm	33.0 x 50.4 x 25.7" 839 x 1,280 x 653 mm	9.9 x 10.3 x 9.1" 252 x 262 x 230 mm
Dimensions platform (W x H x D)	30.7 x 0.5 x 20.1" 779.5 x 12 x 510 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	
Measuring range measuring rod		3 ft 3" – 7 ft 2" 100–220 cm		
Graduation measuring rod		1/8" / 1 mm		
Weight	79.4 lbs / 36 kg	67.2 lbs / 30.5 kg	58.4 lbs / 26.5 kg	3 kg / 6.6 lbs
Display type	8.4" touchscreen, 360° 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, rechargeable battery
Connectivity	Ethernet, seca 360° wireless technology	Wi-Fi, Ethernet	Wi-Fi, Ethernet	Wi-Fi, Ethernet, seca 360° wireless technology
Ports	USB 2.0	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 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
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
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
Measurement current	100 µA	100 µA	100 µA	100 µA
Measurement duration	17 seconds	24 seconds	24 seconds	30 seconds
INCLUDED				
BIA platform		seca mBCA 554	seca mBCA 554	
BIA handrail		seca mBCA 550	seca mBCA 550	
Ultrasonic height measurement		seca 257		
Monitor				seca mBCA 525
Software	One license of the PC software seca analytics 115			One license of the PC software seca analytics 115
REQUIRED ACCESSORIES				
Software		Cloud-based software seca analytics 125	Cloud-based software seca analytics 125	
BIA measuring mat				seca 531
Charging tray for BIA measuring mat				seca 490 0018
ACCESSORIES				
Barcode scanner mount		seca 463	seca 463	
Large transport wheel set		seca 468	seca 468	
Smart Bucket				seca mVSA 526
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 463	seca 468	seca mBCA 531	seca 490 0018	seca mVSA 526
	Ultrasonic height measurement for seca mBCA 554	Barcode scanner mount for seca mBCA 554	Large transport wheel set for seca mBCA 554	Measuring mat for Bioelectrical Impedance Analysis for the seca mBCA 525	Charging tray for BIA measuring mat seca 531	Smart Bucket for seca mBCA 525
	Page 76	Page 76	Page 76	Page 78	Page 78	Page 79
TECHNICAL DATA						
Measuring range	3 ft 3" – 7 ft 2" 100–220 cm					
Graduation	1/8" / 1 mm					
Dimensions (W x H x D)	6.8 x 90.7 x 17.1" 173 x 2,304 x 435 mm	3.0 x 2.9 x 5.9" 76 x 75 x 152 mm		30.7 x 0.8 x 6.7" 780 x 20 x 170 mm	7.6 x 4.9 x 4.9" 195 x 125 x 125 mm	9.8 x 6.4 x 7.4" 248 x 162 x 187 mm
Weight	14.3 lbs / 6.5 kg	0.4 lb / 200 g		2.2 lbs / 1 kg	270 g / 0.6 lb	2.6 lbs / 1.2 kg

	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)	23.6 x 23.6" 600 x 600 mm (WxD), Height adjustable from 27.4–46.6" 695–1,185 mm	12.5 x 7.8 x 8.2" 320 x 200 x 210 mm	16.1 x 12.2 x 11.6" 410 x 310 x 295 mm
Weight	23.2 lbs / 10.5 kg	4.4 lbs / 2 kg	2.1 lbs / 950 g

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	•	•

Medical Vital Signs Analyzer

CE 0123

seca mVSA 535

Spot-check-monitor for customized configuration

Page 85

GENERAL

Dimensions (W x H x D)	9.9 x 10.3 x 10.9" / 254 x 262 x 278 mm
Weight	approx. 5.9 lbs / 3 kg
Display type	7" touchscreen
Power supply	Built-in power adapter, internal rechargeable lithium-ion battery
Medical device class	IIa
Connectivity	Wi-Fi, Ethernet, seca 360° wireless technology
Ports	USB 2.0
Compatible printers	Conventional laser and ink jet printers via the seca connect 103 PC software

BLOOD PRESSURE MEASUREMENT

Measuring procedure	oscillometric, deflation or inflation measurement	
Measurement range	pSYS: 25 – 280 mmHg; pDIA: 10 – 220 mmHg; pMAP: 15 – 260 mmHg; Adjustable pressure for deflation measurement (80 – 280 mmHg)	
Measurement accuracy (clinically validated according to ISO 81060)	Measurement accuracy of deflation measurement: Mean deviation systole 0.10 mmHg Standard deviation systole 3.24 mmHg Mean deviation diastole -0.20 mmHg Standard deviation diastole 2.95 mmHg	Measurement accuracy of inflation measurement: Mean deviation systole 0.36 mmHg Standard deviation systole 4.27 mmHg Mean deviation diastole -0.12 mmHg Standard deviation diastole 3.78 mmHg
Measurement certainty	Maximum cuff pressure 300 mmHg; automatic pressure release > 330 mmHg	
Measurement duration	Normal: 15 – 20 sec. / max. 90 sec. (adults)	
Measuring range (PR)	Deflation measurement: 30 min^{-1} – 240 min^{-1} / Inflation measurement: 45 min^{-1} – 200 min^{-1}	
Measurement accuracy (PR) (under laboratory conditions)	max. +/- 3 min^{-1} / 3% (the larger value applies)	

SpO_2

	Masimo
Measurement method	Pulse oximetry
Measurement range (SpO_2)	0 – 100 %
Measurement precision (SpO_2)	SpO_2 – resting = < 2 % SpO_2 – in motion = < 3 %
Measurement range (PR)	Pulse rate PR 25 bpm to 240 bpm; Perfusion index measurement range 0.02 % – 20 %
Measurement accuracy (PR)	PR – resting = < 3 bpm; PR – in motion = < 5 bpm

TEMPERATURE MEASUREMENT

	Filac 3000®
Measurement methods	axillary/oral, rectal (direct or predictive)
Measurement range	direct 30 °C – 43 °C (86 °F – 109.4 °F) predictive 35.5 °C – 42 °C (95.9 °F – 107.6 °F)
Measurement accuracy	direct ± 0.1 °C (± 0.2 °F) predictive ± 0.1 °C (± 0.2 °F)
Measurement duration	direct 60 – 120 sec.; predictive (oral) 3 – 10 sec.; predictive (axillary/rectal) 8 – 14 sec.

SOFTWARE

Optional: PC software seca connect 103,
compatible with EMR ready seca measuring systems

EMR-VALIDATED

to any EMR system	•

Components for medical Vital Signs Analyzer

490 0001 to 0004

Reusable seca sphygmo-manometer cuffs available in various sizes (S-XL)

Page 85

Reusable finger clip for measuring SpO_2 in adults*

Page 85

Temperature probe (oral/axillary)

Page 85

Temperature probe (rectal)

Page 85

TECHNICAL DATA				
Application		> 66.1 lbs / 30 kg		
SpO_2 measurement range		0.0 % – 100.0 %		
SpO_2 accuracy		± 2 % resting ± 3 % in motion		
PR accuracy		± 3 bpm resting ± 5 bpm in motion		
Measuring range			86.0 – 109.4 °F / 30 – 43 °C	86.0 – 109.4 °F / 30 – 43 °C
Probe covers			490 0015	490 0015
Sizes	S: 6.7 – 10.2" 17 – 26 cm M: 9.4 – 12.6" 24 – 32 cm L: 12.6 – 16.5" 32 – 42 cm XL: 15.0 – 18.1" 38 – 46 cm			
Dimensions (WxHxD)	30.7 x 0.8 x 6.7" 780 x 20 x 170 mm			

*Orderable only in combination with a seca mVSA 535.

Consumables

490 0015

Probe covers
(oral/axillary, rectal)

Page 85

Quantity per packaging unit	2,000 pieces (100 x 20 probe covers)

Accessories for medical Vital Signs Analyzer

seca 475

Rolling stand for mobile use of the seca mVSA 535

Page 85

seca 490 0017

Stand mount for easy mounting of the seca mVSA 535 to the rolling stand seca 475

Page 85

seca 432

Carrying case for seca mVSA 535

Page 85

490 0001 to 0004

Reusable seca sphygmo-manometer cuffs available in various sizes (S-XL)

Page 85

490 0005

Extension tube for sphygmomanometer cuffs

Page 85

490 0013

Extension cord for Masimo SET® SpO_2 sensors*

Page 85

TECHNICAL DATA						
Dimensions (WxHxD)	23.6 x 23.6" 600 x 600 mm (WxD), Height adjustable from 27.4 – 46.6" 695 – 1,185 mm	6.4 x 4.4 x 4.2" 164 x 113 x 108 mm	16.1 x 12.2 x 11.6" 410 x 310 x 295 mm			
Length					51.2" / 1,300 mm	59.1" / 1,500 mm
Weight	23.2 lbs / 10.5 kg	0.8 lb / 370 g	2.1 lbs / 950 g	depending on size	< 1.1 lbs / < 0.5 kg	< 1.1 lbs / < 0.5 kg
Sizes				S: 6.7 – 10.2" 17 – 26 cm M: 9.4 – 12.6" 24 – 32 cm L: 12.6 – 16.5" 32 – 42 cm XL: 15.0 – 18.1" 38 – 46 cm		

*Orderable only in combination with a seca mVSA 535.

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 and 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 0.1 pound.

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.

CE 0123

Products bearing this symbol fulfill the applicable requirements of the 93/42/EEC on medical devices.

ISO 9001 · ISO 13485

The professionalism of seca is also officially recognized. The notified body for medical devices responsible for seca confirms with the certificate that seca consistently complies with the strict legal requirements as a manufacturer of medical devices. The quality assurance system at seca includes the areas of Design and Development, Production, Sales and Service of medical scales, height measuring instruments, software and measurement systems for the assessment of health status and nutritional condition. seca is authorized to conduct the manufacturer's conformity assessment of medical scales.

We are anxious to preserve our natural resources. This is why we strive to save packaging material where practical. And what is left over can be conveniently disposed of locally via Germany's Dual System recycling programme.

seca mBCA and seca mVSA:

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.

mVSA
Medical Vital Signs Analyzer: A device that measures the vital parameters of blood pressure, SpO_2, pulse, temperature and, by means of a measuring mat, body composition (Bioelectrical Impedance Analysis).

SpO_2
Pulse oximetry is used to measure blood oxygen saturation and pulse rate. The non-invasive method employs a finger clip sensor.

NIBP
Non-invasive blood pressure measurement: the oscillatory measurement method measures blood pressure by means of a cuff placed around the upper arm or thigh.

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:

seca france
seca united kingdom
seca north america
seca schweiz
seca zhong guo
seca nihon
seca mexico
seca austria
seca polska
seca middle east
seca suomi
seca américa latina
seca asia pacific
seca danmark
seca benelux
seca lietuva

and with exclusive partners in more than 110 countries.

seca north america

+1 800 542 7322
info.us@seca.com

seca north america | west
seca corp.
13601 Benson Avenue
Chino, CA 91710
USA

seca north america | east
seca corp.
498 Wando Park Boulevard
Mount Pleasant, SC 29464
USA

seca headquarters

+49 40 20 00 00 0
info@seca.com

seca gmbh & co. kg
Hammer Steindamm 3-25
22089 Hamburg
Germany

202384002021

Precision for health
seca.com