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

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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

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

72 Medical Body Composition Analyzers
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Simply and routinely monitor vital signs with the seca EMR-validated spot-check monitor.

82 Medical Vital Signs Analyzer

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

86 Integration solutions

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

92 Services

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

**Functions**

TARE, HOLD, Auto-HOLD, damping, auto weighing range switch-over, automatic switch-off, lbs/kg switch-over, SEND

**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

**Accessories**

- Interface module seca 452
- Battery for longer mobile use seca 454
- Mobile carts seca 403 and seca 402

**EMR**

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
sec 333i

EMR-validated baby scale with Wi-Fi function

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

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

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

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.
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

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.

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

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, 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.

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

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.

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

<table>
<thead>
<tr>
<th>seca 725</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
</tr>
<tr>
<td>Graduation</td>
</tr>
<tr>
<td>Functions</td>
</tr>
</tbody>
</table>
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
+ Space-saving

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>13 – 39” / 33 – 100 cm or 33 – 100 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>1/16” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>

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

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

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

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### seca 417

**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)
### 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

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Graduation</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 – 39” / 10 – 99 cm or 10 – 99 cm</td>
<td>1/4” / 5 mm or 5 mm</td>
<td>+ Backpack seca 409 or carrying case seca 414 (for combination with baby scale seca 354 m / 354)</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 – 39” / 7 – 99 cm</td>
<td>1/8” / 1 mm</td>
</tr>
</tbody>
</table>

### 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)

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 23” / 3 – 59 cm</td>
<td>1/16” / 1 mm</td>
</tr>
</tbody>
</table>
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.
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
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 1 ft 6” – 7 ft 2” / 30 – 220 cm
Graduation 1/8” / 1 mm
Function 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.

<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>660 lbs / 300 kg or 300 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.1 lb &lt; 330 lbs &gt; 0.2 lb / 50 g &lt; 150 kg &gt; 100 g or 50 g &lt; 150 kg &gt; 100 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, Pre-TARE, mother+child function, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, automatic switch-off, SEND</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Interface module seca 452 + USB adapter seca 456 / 456 wa + Measuring rod seca 220 + Panda seca 459 + Switch-mode power adapter 400</td>
</tr>
<tr>
<td>Measuring rod seca 220</td>
<td>Measuring range 24” – 78” / 60 – 200 cm or 60 – 200 cm Graduation 1/8” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>

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
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**

- **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 703**

EMR-validated column scale with stadiometer

**Scale**

- **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
- **Graduation**: 1/8” / 1 mm

Image contains barcode scanner from a third-party supplier.

**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.

**Scale**

- **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
- **Graduation**: 1/8” / 1 mm

Image contains barcode scanner from a third-party supplier.

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

<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>550 lbs / 250 kg or 250 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.2 lb / 100 g or 100 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, HOLD, Auto-HOLD, damping, lbs/kg switch-over lock, inch/cm switch-over, Auto-BMI, automatic switch-off</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Power adapter 401</td>
</tr>
<tr>
<td>Measuring rod</td>
<td>(included)</td>
</tr>
<tr>
<td>Measuring range (total)</td>
<td>4 – 90” / 10 – 230 cm</td>
</tr>
<tr>
<td>Measuring range (digital)</td>
<td>48 – 90” / 122 – 230 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm</td>
</tr>
</tbody>
</table>

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

Image contains barcode scanner from a third-party supplier.
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

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<tbody>
<tr>
<td>Capacity</td>
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</tr>
<tr>
<td>Graduation</td>
<td>0.2 lb / 100 g or 100 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, HOLD, lbs/kg switch-over, BMI</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Power adapter 401</td>
</tr>
<tr>
<td>Measuring rod (included)</td>
<td></td>
</tr>
<tr>
<td>Measuring range</td>
<td>4 – 90” / 10 – 230 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>450 lbs / 200 kg or 200 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.2 lb / 100 g or 100 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, HOLD, BMI, lbs/kg switch-over, automatic switch-off</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Measuring rod seca 224 + Panda seca 459 + Switch-mode power adapter 400</td>
</tr>
<tr>
<td>Measuring rod seca 220 (included)</td>
<td></td>
</tr>
<tr>
<td>Measuring range</td>
<td>24 – 78” / 60 – 200 cm or 60 – 200 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>400 lbs / 180 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.2 lb / 100 g</td>
</tr>
<tr>
<td>Functions</td>
<td>Auto-HOLD, tap-on automatic switch-on, Step-off, lbs/kg switch-over, automatic switch-off</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Measuring rod seca 224 + Panda seca 459</td>
</tr>
<tr>
<td>Measuring range</td>
<td>24 – 78” / 60 – 200 cm or 60 – 200 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>
**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

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**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

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**Specifications**

<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>400 lbs / 160 kg or 500 lbs or 220 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/4 lb / 100 g or 1/8 lb or 50 g</td>
</tr>
<tr>
<td>Functions</td>
<td>Reset-to-zero function</td>
</tr>
<tr>
<td>Measuring rod seca 220 (included)</td>
<td></td>
</tr>
<tr>
<td>Measuring range</td>
<td>24 – 78” / 60 – 200 cm or 60 – 200 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>

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.

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<table>
<thead>
<tr>
<th>Scale</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>350 lbs / 160 kg or 160 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>1 lb / 500 g or 500 g</td>
</tr>
<tr>
<td>Functions</td>
<td>BMI, reset-to-zero function</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Measuring rod seca 224 + Panda seca 459</td>
</tr>
<tr>
<td>Measuring rod seca 224 (optional)</td>
<td></td>
</tr>
<tr>
<td>Measuring range</td>
<td>60 – 200 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1 mm</td>
</tr>
</tbody>
</table>

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.

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

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

NEW
Bearclaw Glass®

NEW
Bearclaw Glass®
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

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

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

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

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

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

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

KG-only available
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 421 or seca 414 (for combination with stadiometer and adapter element)
+ Switch-mode power adapter 400

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
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

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

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

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

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

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

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

seca 874
Flat scale with foot switches and double display

+ Double display lets the doctor and patient read simultaneously
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+ May be used standing up thanks to the foot switches
+ Mother+child function to weigh toddlers

KG-only available
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 421 or seca 414 (for combination with stadiometer and adapter element)
+ Switch-mode power adapter 400

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

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

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

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

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

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

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

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

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

KG-only available
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 421 or seca 414 (for combination with stadiometer and adapter element)
+ Switch-mode power adapter 400

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

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

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

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

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

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

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

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

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

KG-only available
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 421 or seca 414 (for combination with stadiometer and adapter element)
+ Switch-mode power adapter 400

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

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

seca.com/doctorscale
+ Mother+child function for hassle-free weighing of toddlers

Capacity 440 lbs / 200 kg
Graduation 0.1 lb / 100 g
Functions Auto-HOLD, lbs/kg switch-over, tape-on automatic switch-on, 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 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, tape-on automatic switch-on, automatic switch-off
Interface Bluetooth®

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

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

Possible combination seca 869 / 874 / 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

Flat scales
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

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

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
Functions Reset-to-zero function

KG-only available
seca 760 Capacity 320 lbs or 150 kg
Graduation 1 lb or 1 kg
Functions Reset-to-zero function

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 / 500 g or 1 lb or 1 kg
Functions Reset-to-zero function

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

seca 760 is available in various modern colors.
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

<table>
<thead>
<tr>
<th>Functions</th>
<th>Measuring range 11” – 7 ft 2” / 30 – 220 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ USB adapter seca 456 / 456 wa</td>
</tr>
</tbody>
</table>

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.
The adapter element seca 437 connects the stadiometer to a flat scale.

sec 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)

sec 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

sec 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 20–230 cm
Graduation 1/8” / 1 mm or 1 mm

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

The robust base plate guarantees a sturdy stance.

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

The foot positioner ensures exact positioning and precise measurements.

Large base for patient stability.

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

The adapter element seca 437 connects the stadiometer to a flat scale.
sec 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.

sec 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.

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

sec 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

The sec 201 circumference measuring tape also has a scale that determines the waist-to-hip ratio (WHR).
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 storable.
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
- 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

**Scale KG-only available**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>800 lbs / 360 kg or 360 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>0.1 lb / 50 g or 50 g</td>
</tr>
<tr>
<td>Functions</td>
<td>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</td>
</tr>
<tr>
<td>Accessories</td>
<td>Handrail seca 455</td>
</tr>
<tr>
<td></td>
<td>Ultrasonic height measurement seca 257</td>
</tr>
<tr>
<td></td>
<td>Barcode scanner mount seca 463</td>
</tr>
<tr>
<td></td>
<td>Panda seca 459</td>
</tr>
<tr>
<td></td>
<td>Large transport wheel set seca 468</td>
</tr>
</tbody>
</table>

**Ultrasonic height measurement**

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>3 ft 3” – 7 ft 2” / 100 - 220 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm</td>
</tr>
<tr>
<td>Functions</td>
<td>Automatic calibration</td>
</tr>
</tbody>
</table>

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

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

**Scale KG-only available**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>800 lbs / 360 kg or 360 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>0.1 lb / 50 g or 50 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, SEND</td>
</tr>
<tr>
<td>Accessories</td>
<td>Interface module seca 452</td>
</tr>
<tr>
<td></td>
<td>USB adapter seca 456 / 456 wa</td>
</tr>
</tbody>
</table>

**Accessories**

+ Interface module seca 452
+ USB adapter seca 456 / 456 wa

**Measuring rod seca 223 (optional)**

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>2 – 90° / 6 – 230 cm or 6 – 230 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm or 1 mm</td>
</tr>
</tbody>
</table>

---

**seca 644**

EMR-validated handrail scale with generous platform

+ Safe weighing due to sturdy handrail
+ Large non-slip platform with 800 pounds capacity
+ Swivel 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

**Scale KG-only available**

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

**Accessories**

+ Interface module seca 452
+ USB adapter seca 456 / 456 wa
+ Measuring rod seca 223

---

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

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>820 lbs / 365 kg or 360 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.1 lb / 50 g or 50 g</td>
</tr>
<tr>
<td>Functions</td>
<td>TARE, Pre-TARE, HOLD, Auto-HOLD, BMI, Auto-CLEAR, lbs/kg switch-over, damping, SEND</td>
</tr>
</tbody>
</table>
| 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.
sec 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

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

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

KG-only available

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

<table>
<thead>
<tr>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
</tr>
<tr>
<td><strong>Graduation</strong></td>
</tr>
<tr>
<td><strong>Functions</strong></td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
</tr>
</tbody>
</table>

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.

**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

<table>
<thead>
<tr>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
</tr>
<tr>
<td><strong>Graduation</strong></td>
</tr>
<tr>
<td><strong>Functions</strong></td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
</tr>
</tbody>
</table>

**Accessory seca 472**

Stand for cable remote display

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

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

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.

<table>
<thead>
<tr>
<th>KG only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
</tr>
<tr>
<td>Graduation</td>
</tr>
<tr>
<td>Functions</td>
</tr>
</tbody>
</table>
Specialized scales

Small size, big help.

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

seca 856
Digital organ and diaper scale
with stainless steel cover

+ Complete stainless steel-surface reduces contamination
+ Easy to clean and disinfect
+ Scale completely sealed from moisture
+ Pre-TARE function for permanent use with the container of your choice
+ Increase in metal housing protects display from liquid

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

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 stainless steel surface is tough and easy to clean.

The fine graduation of just one gram permits precise weighing.

The scale can be conveniently stored within the compact bowl.
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 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.

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.

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**Kg-only available**

<table>
<thead>
<tr>
<th>Spec</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>660 lbs / 300 kg or 300 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.1 lb &lt; 330 lbs &lt; 0.2 lb / 50 g &lt; 150 kg &lt; 100 g or 50 g &lt; 150 kg &lt; 100 g</td>
</tr>
<tr>
<td>Display type</td>
<td>8.4” 360° rotatable touchscreen</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Ethernet, seca 360° wireless technology</td>
</tr>
<tr>
<td>Ports</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Measurement method</td>
<td>8-point Bioelectrical Impedance Analysis</td>
</tr>
<tr>
<td>Measurement current</td>
<td>100 µA</td>
</tr>
<tr>
<td>Measurement duration</td>
<td>17 seconds</td>
</tr>
<tr>
<td>Software</td>
<td>seca analytics 115</td>
</tr>
</tbody>
</table>

mbca.seca.com
**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

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**seca mBCA 554**

*Medical Body Composition Analyzer with optional ultrasonic height measurement*

<table>
<thead>
<tr>
<th>mBCA</th>
<th>KG-only available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>900 lbs / 360 kg or 360 kg</td>
</tr>
<tr>
<td>Graduation</td>
<td>0.1 lb / 50 g or 50 g</td>
</tr>
<tr>
<td>Display type</td>
<td>4.3” tiltable and rotatable touchscreen</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wi-Fi, Ethernet</td>
</tr>
<tr>
<td>Ports</td>
<td>USB for barcode scanner</td>
</tr>
<tr>
<td>Measurement method</td>
<td>8-point Bioelectrical Impedance Analysis</td>
</tr>
<tr>
<td>Measurement current</td>
<td>100 µA</td>
</tr>
<tr>
<td>Measurement duration</td>
<td>24 seconds</td>
</tr>
<tr>
<td>Software</td>
<td>seca analytics 125</td>
</tr>
<tr>
<td>Required accessory</td>
<td>+ BIA handrail seca mBCA 550</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Ultrasonic height measurement seca 257</td>
</tr>
<tr>
<td></td>
<td>+ Barcode scanner mount seca 463</td>
</tr>
<tr>
<td></td>
<td>+ Large transport wheel set seca 468</td>
</tr>
</tbody>
</table>

**Ultrasonic height measurement seca 257**

<table>
<thead>
<tr>
<th>Function</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>3 ft 3” – 7 ft 2” / 100 – 220 cm</td>
</tr>
<tr>
<td>Graduation</td>
<td>1/8” / 1 mm</td>
</tr>
<tr>
<td>Functions</td>
<td>Automatic calibration</td>
</tr>
</tbody>
</table>

---

**Order code CN IHH INT NN**

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

**Order code ON IHM IUT 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.
The electrodes have an Easy Snap™ mechanism and can be quickly connected with the adhesive electrodes without applying any pressure. The correct placement of the electrodes is illustrated on the measuring mat. Each measurement can only begin after an automatic electrode test.

### 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

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<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>6.6 lbs / 3 kg</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>9.9 x 10.3 x 9.1&quot; / 252 x 262 x 230 mm</td>
</tr>
<tr>
<td>Electrode type</td>
<td>Adhesive electrodes (PVC-free)</td>
</tr>
<tr>
<td>Display type</td>
<td>7&quot; touchscreen</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wi-Fi, Ethernet, seca 360° wireless technology</td>
</tr>
<tr>
<td>Ports</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Measurement method</td>
<td>8-point Bioelectrical Impedance Analysis</td>
</tr>
<tr>
<td>Measurement current</td>
<td>100 µA</td>
</tr>
<tr>
<td>Measured data storage</td>
<td>Up to 100,000 measurements</td>
</tr>
<tr>
<td>Measurement duration</td>
<td>30 seconds</td>
</tr>
<tr>
<td>Software</td>
<td>seca analytics 115</td>
</tr>
<tr>
<td>Required accessories</td>
<td>+ BIA measuring mat seca 531</td>
</tr>
<tr>
<td></td>
<td>+ Charging tray seca 490 0018 for BIA measuring mat</td>
</tr>
<tr>
<td>Accessories</td>
<td>+ Smart Bucket seca mVSA 526</td>
</tr>
<tr>
<td></td>
<td>+ Rolling stand seca 475</td>
</tr>
<tr>
<td></td>
<td>+ Basket seca 490 0019 for stand</td>
</tr>
<tr>
<td></td>
<td>+ Carrying case seca 432</td>
</tr>
<tr>
<td>Consumables</td>
<td>+ Single-use electrodes 490 0020</td>
</tr>
</tbody>
</table>

### Accessory seca mVSA 526

Smart Bucket for the seca mBCA 525

- 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, SpO2, and bioelectrical impedance analysis

### Accessory seca 475

Rolling stand for mobile use

- 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

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

Do more with your measurement results.

With our software solutions, you can professionally document secamBCA 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

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, \(\text{SpO}_2\), 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, SpO₂, 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

<table>
<thead>
<tr>
<th><strong>Component options</strong></th>
<th><strong>Accessories</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature probe (oral/axillary) or temperature probe (rectal)</strong></td>
<td>+ Rolling stand seca 475</td>
</tr>
<tr>
<td><strong>Wi-Fi, Ethernet, seca 360° wireless technology</strong></td>
<td>+ Stand mount seca 490 0017</td>
</tr>
<tr>
<td><strong>2 x USB 2.0</strong></td>
<td>+ Carrying case seca 432</td>
</tr>
<tr>
<td></td>
<td>+ Sphygmomanometer cuff sizes S-XL 490 0001 to 490 0004</td>
</tr>
<tr>
<td></td>
<td>+ Extension tube 490 0005 for sphygmomanometer cuff</td>
</tr>
<tr>
<td></td>
<td>+ Extension cord 490 0013 for Masimo SET® SpO₂</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td><strong>Consumables</strong></td>
</tr>
<tr>
<td><strong>EMR-validated</strong></td>
<td>+ Probe covers (oral/axillary, rectal) 490 0015</td>
</tr>
</tbody>
</table>

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

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

Transmission errors and resulting medication inaccuracies are a thing of the past. Manual transmission errors are reduced and duplicate measurements caused by missed or lost data are avoided. Correct patient data is provided centrally in real time and may, for example, be retrieved in the hospital from each station. 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.
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.

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.

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

"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."

Toll Free Hotline
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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.

Toll Free Hotline
+1 800 542 7322
secaservice.com
Outstanding customer service experts dedicated to our nationwide customers.
Operating times: 9 – 7 EST, 8 – 6 CST, 6 – 4 PST

+49 40 20 00 00 0
seca headquarters

1st prize
Proven Expert
TVU Certified
Award-winning services
## TECHNICAL DATA

<table>
<thead>
<tr>
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## FUNCTIONS

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<tr>
<th>Function</th>
<th>seca 727</th>
<th>seca 3331</th>
<th>seca 374</th>
<th>seca 334</th>
<th>seca 354m</th>
<th>seca 354</th>
<th>seca 725</th>
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## AREAS OF APPLICATION

<table>
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<tr>
<th>Application</th>
<th>seca 727</th>
<th>seca 3331</th>
<th>seca 374</th>
<th>seca 334</th>
<th>seca 354m</th>
<th>seca 354</th>
<th>seca 725</th>
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<td>For any EMR system</td>
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</tbody>
</table>
**Technological Data**

**Maximum load** 99.2 lbs / 45 kg

**Cable length**
- 72.8" / 1.85 m
- 45.2" / 1.15 m
- 45.2" / 1.15 m

**Graduation**
- 1/8" / 1 mm

**Weight**
- 2.6 lbs / 1.2 kg
- 3.5 lbs / 1.6 kg
- 6.2 lbs / 2.8 kg
- 1.9 lbs / 0.9 kg

**Dimensions (W x H x D)**
- 24.8 x 13 x 4.3"
- 3.7 x 4.4 x 1.4"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm
- 4–39" / 10–99 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"
- 24.6 x 13.8 x 8.3"

**Graduation digital display**
- 1 mm / 5 mm / 10 mm

**Weight**
- 8.3 lbs / 3.8 kg
- 3.5 lbs / 1.6 kg
- 1.3 lbs / 0.6 kg

**Dimensions (W x H x D)**
- 577 x 113 x 35 mm
- 146 x 55 x 29 mm

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"

---

**Technical data**

**Measuring range**
- 13–39" / 33–100 cm

**Graduation**
- 1/8" / 1 mm

**Dimensions (W x H x D)**
- 28.1 x 31.5 x 17.1"
## Measuring stations

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>seca Scale-up Line</td>
<td>EMR-validated ultrasonic measuring station with voice guidance and handrail</td>
</tr>
<tr>
<td>seca 296</td>
<td>EMR-validated ultrasonic measuring station for height and weight</td>
</tr>
<tr>
<td>seca 294</td>
<td>EMR-validated ultrasonic measuring station with Handrail</td>
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### TECHNICAL DATA

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<thead>
<tr>
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<th>Page 25</th>
<th>Page 26</th>
<th>Page 27</th>
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</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>800 lbs / 360 kg or 360 kg</td>
<td>800 lbs / 360 kg or 360 kg</td>
<td>660 lbs / 300 kg or 300 kg</td>
<td>660 lbs / 300 kg or 300 kg</td>
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<tr>
<td>Graduation</td>
<td>0.1 lb / 50 g or 50 g</td>
<td>0.1 lb / 50 g or 50 g</td>
<td>0.1 lb / 50 g or 50 g</td>
<td>0.1 lb / 50 g or 50 g</td>
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<tr>
<td>Measuring range</td>
<td>1 ft 12” – 7 ft 2”</td>
<td>60 – 220 cm</td>
<td>3 ft 3” – 7 ft 2”</td>
<td>100 – 220 cm</td>
</tr>
<tr>
<td></td>
<td>60” – 210 cm</td>
<td>60” – 210 cm</td>
<td>60” – 210 cm</td>
<td>60” – 210 cm</td>
</tr>
<tr>
<td>Graduation measuring rod</td>
<td>1/8” / 1 mm</td>
<td>1/8” / 1 mm</td>
<td>1/8” / 1 mm</td>
<td>1/8” / 1 mm</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>23.6 x 94.0 x 24.2”</td>
<td>600 x 2,387 x 614 mm</td>
<td>31.5 x 94.0 x 25.6”</td>
<td>801 x 2,387 x 650 mm</td>
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<tr>
<td></td>
<td>17.1 x 89.4 x 18.3”</td>
<td>434 x 2,270 x 466 mm</td>
<td>17.1 x 94.3 x 18.3”</td>
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<td>Weight</td>
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## Accessories for measuring stations

<table>
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<tbody>
<tr>
<td>seca 452</td>
<td>Interface module to transmit measurements to EMR systems</td>
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<tr>
<td>seca 456 / 456ea</td>
<td>USB adapter for data reception on PC</td>
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<tr>
<td>seca 455</td>
<td>Handheld for seca Scale-up Line for order code ON SMM IUT NN</td>
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<tr>
<td>seca 463</td>
<td>Barcode scanner mount for seca Scale-up Line for order code ON SMM IUT NN and ON GM IUT NN</td>
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<tr>
<td>seca 459</td>
<td>Panda for seca Scale-up Line for order code ON SMM IUT NN and ON GM IUT NN</td>
</tr>
<tr>
<td>seca 468</td>
<td>Large transport wheel set for seca Scale-up Line for order code ON SMM IUT NN and ON GM IUT NN</td>
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### TECHNICAL DATA

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<tbody>
<tr>
<td>Dimensions (W x H x D)</td>
<td>0.4 lb / 180 g</td>
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<td>19.4 lbs / 9 kg</td>
<td>1.1 lbs / 300 g</td>
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<td>Weight</td>
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<tr>
<td>(W x H x D)</td>
<td>60 x 115 x 45 mm</td>
<td>801 x 1,120 x 543 mm</td>
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# Column scales

## TECHNICAL DATA

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<tr>
<th>seca 703</th>
<th>EMR-validated column scale with 660 lb capacity</th>
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<tbody>
<tr>
<td>seca 707</td>
<td>EMR-validated column scale with eye-level display and BMI function</td>
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<tr>
<td>seca 787</td>
<td>EMR-validated column scale with eye-level display</td>
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<tr>
<td>seca 777</td>
<td>EMR-validated column scale with BMI function</td>
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<tr>
<td>seca 769</td>
<td>Electronic column scale with eye-level display and Wi-Fi function</td>
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<tr>
<td>seca 719</td>
<td>Column scale with fully integrated measurement module for a stable stance</td>
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<td>seca 703</td>
<td>EMR-validated column scale with BMI display and evaluation</td>
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### TECHNICAL DATA

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<th>seca 777</th>
<th>seca 769</th>
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<th>seca 755</th>
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<td><strong>Weight</strong></td>
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### FUNCTIONS

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<th>seca 719</th>
<th>seca 703</th>
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<tr>
<td><strong>Auto-CLEAR</strong></td>
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<td><strong>SEND/Auto-SEND</strong></td>
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<tr>
<td><strong>Transport wheels</strong></td>
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<td><strong>Wi-Fi/Ethernet</strong></td>
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<td>optional with seca 452</td>
<td>optional with seca 452</td>
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<thead>
<tr>
<th>seca 703</th>
<th>seca 707</th>
<th>seca 787</th>
<th>seca 777</th>
<th>seca 769</th>
<th>seca 719</th>
<th>seca 703</th>
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<td><strong>Measuring rod</strong></td>
<td>seca 220</td>
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### ACCESSORIES

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<thead>
<tr>
<th>seca 703</th>
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<td><strong>USB adapter</strong></td>
<td>seca 456, seca 566</td>
<td>seca 456, seca 566</td>
<td>seca 456, seca 566</td>
<td>seca 456, seca 566</td>
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<td><strong>Power adapter</strong></td>
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<td><strong>Panda</strong></td>
<td>seca 459</td>
<td>seca 459</td>
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**EMR-VALIDATED** to any EMR systems

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**Accessories for column scales see page 107**

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**Technical data**

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103
## Flat scales

<table>
<thead>
<tr>
<th>Model</th>
<th>Function</th>
<th>Technical Data</th>
<th>Dimensions (W x H x D)</th>
<th>Weight</th>
<th>Power supply</th>
<th>Accessories</th>
<th>Areas of Application</th>
<th>Standing area</th>
</tr>
</thead>
<tbody>
<tr>
<td>seca 650</td>
<td>Flat scale with foot pedal</td>
<td>800 lbs / 360 kg or 360 kg / 163 kg</td>
<td>23.6 x 2.8 x 18.4&quot;</td>
<td>17 lbs / 7.7 kg</td>
<td>Power adapter</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>120 x 4.7 x 18.5&quot;</td>
</tr>
<tr>
<td>seca 634</td>
<td>Flat scale with foot pedal</td>
<td>800 lbs / 360 kg or 360 kg / 163 kg</td>
<td>22 x 2.2 x 22&quot;</td>
<td>17 lbs / 7.7 kg</td>
<td>Power adapter</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12 x 4.7 x 18.5&quot;</td>
</tr>
<tr>
<td>seca 869</td>
<td>Flat scale with foot pedal</td>
<td>550 lbs / 250 kg or 250 kg / 113 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>9 lbs / 4.1 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>11.3 x 2.4 x 11&quot;</td>
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<tr>
<td>seca 874</td>
<td>Flat scale with foot pedal</td>
<td>550 lbs / 250 kg or 250 kg / 113 kg</td>
<td>11 x 2.4 x 10.9&quot;</td>
<td>9 lbs / 4.1 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>11 x 2.4 x 11&quot;</td>
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<tr>
<td>seca 876</td>
<td>Flat scale with foot pedal</td>
<td>440 lbs / 200 kg or 200 kg / 91 kg</td>
<td>8.9 lbs / 4.1 kg</td>
<td>9 lbs / 4.1 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>9.3 lbs / 4.2 kg</td>
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<tr>
<td>seca 874-dr</td>
<td>Flat scale with foot pedal</td>
<td>440 lbs / 200 kg or 200 kg / 91 kg</td>
<td>8.9 lbs / 4.1 kg</td>
<td>9 lbs / 4.1 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>9.3 lbs / 4.2 kg</td>
</tr>
<tr>
<td>seca 813bt</td>
<td>Flat scale with Bluetooth interface and high capacity</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
</tr>
<tr>
<td>seca 813</td>
<td>Flat scale with Bluetooth interface and high capacity</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
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<tr>
<td>seca 807</td>
<td>Flat scale with Bluetooth interface and high capacity</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
</tr>
<tr>
<td>seca 803</td>
<td>Flat scale with Bluetooth interface and high capacity</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
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<tr>
<td>seca 762</td>
<td>Mechanical floor scale with 1000 lb graduation</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
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<td>seca 770</td>
<td>Mechanical floor scale with 500 lb graduation</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
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<tr>
<td>seca 750</td>
<td>Robust mechanical floor scale</td>
<td>320 lbs / 150 kg or 150 kg / 68 kg</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
<td>6.3 lbs / 2.9 kg</td>
<td>Battery</td>
<td>Interface module</td>
<td>In any EMR system</td>
<td>12.6 x 2.4 x 14.2&quot;</td>
</tr>
</tbody>
</table>

### TECHNICAL DATA

- **Capacity**: 800 lbs / 360 kg or 360 kg / 163 kg
- **Dimensions (W x H x D)**: 23.6 x 2.8 x 18.4"
- **Weight**: 17 lbs / 7.7 kg
- **Power supply**: Battery, power adapter optional

### FUNCTIONS

- **Mother-child function**
- **Auto-HOLD**
- **BMI**
- **Auto-BMI**
- **UCHAR**
- **Auto-CLEAR**
- **Sealing switch-dr**
- **Damping**
- **Backlighting**
- **Acoustic signals, control activated**
- **RESET**
- **Automatic switch-off**
- **SEND (Auto-SEND)**
- **Tap-to-automatic switch-on**
- **Transport wheels**
- **Wi-Fi®/G-Dient Connectivity**
- **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

- **Interface module**
- **USB adapter**
- **Ultrasonic height measurement**
- **Handrail**
- **Stand for cable remote display**
- **Adapter element**
- **Power adapter**
- **Backpack**
- **Cable length**

### AREAS OF APPLICATION

- **In any EMR system**
### Accessories for flat scales

- **sca 452**: Interface module to transmit measurements to EMR systems
- **sca 465 / 465/ea**: USB adapter for data reception on PC
- **sca 472**: Display for flat scales with cable remote display
- **400**: Switch-mode power adapter for flat scales seca 863, seca 866, seca 874 and seca 876

#### TECHNICAL DATA

- **Dimensions** (W x H x D): 29.5 x 5.9 x 13.6”
- **Graduation**: 1/8” / 1 mm
- **Weight**: 4.4 lbs / 2 kg
- **Cable length**: 72.8” / 1.85 m

### Accessories for column scales

- **sca 452**: Interface module to transmit measurements to EMR systems
- **sca 465 / 465/ea**: USB adapter for data reception on PC
- **sca 472**: Display for flat scales with cable remote display
- **400**: Switch-mode power adapter for flat scales seca 863, seca 866, seca 874 and seca 876
- **401**: Power adapter for column scales seca 705 and seca 777

#### TECHNICAL DATA

- **Dimensions** (W x H x D): 750 x 150 x 345 mm
- **Weight**: 3.5 lbs / 1.6 kg
- **Cable length**: 72.8” / 1.85 m
- **Weight**: 3.8 lbs / 1.7 kg
- **Cable length**: 78” / 2.00 m
- **Weight**: 4.4 lbs / 2 kg
## Height measuring systems

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Accessories</th>
<th>Technical Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>seca 274</td>
<td>Wall-mounted, free-standing stadiometer with digital display, Frankfurt Line and heel positioner for precise measurements</td>
<td>-</td>
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<tr>
<td>seca 264</td>
<td>Wall-mounted, EMR-validated stadiometer with display in the footboard and easy-to-clean floor mat</td>
<td>-</td>
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<tr>
<td>seca 217</td>
<td>Stand-alone stadiometer for height measurement, easily assembled for convenient transport</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>seca 213</td>
<td>Mechanical telescopic measuring rod with large measuring range</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>seca 222</td>
<td>Mechanical stadiometer, measuring rod with large measuring range</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>seca 216</td>
<td>Mechanical measuring rod for children and adults</td>
<td>-</td>
<td>-</td>
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<tr>
<td>seca 206</td>
<td>Mechanical measuring tape with wall attachment</td>
<td>-</td>
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<tr>
<td>seca 203</td>
<td>Ergonomic circumference measuring tape with extra thin 75 cm tape, calculator (WHR)</td>
<td>-</td>
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<tr>
<td>seca 201</td>
<td>Ergonomic circumference measuring tape</td>
<td>-</td>
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<tr>
<td>seca 456 / 456 WA</td>
<td>USB starter for data reception on PC, seca 437 for transmission to Welch Allyn CO2M, CSM or Integrated Wall System</td>
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<tr>
<td>seca 437</td>
<td>Adapter element for stadiometer seca 217 for connection with the flat scales seca 869, seca 874 or seca 876</td>
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**TECHNICAL DATA**

- **Measurement range**: 11” – 7 ft 2” / 30 – 220 cm
- **Graduation**: 1/8” / 1 mm
- **Dimensions (WxHxD)**: 14.6 x 24.8 x 5.5”
- **Weight**: 0.026 lb / 12 g

**FUNCTIONS**

- WiFi 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
- Adaptor element
- Backpack seca 412
- Carrying case seca 414
- seca 412

**AREAS OF APPLICATION**

- For mobile use
- In small medical practice
- For EMR system
Handrail scales

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>seca Scale-up Line</td>
<td>EMR-validated handrail scale with ID-Display™ and height measurement</td>
<td>seca 223 Telescopic measuring rod for the handrail scale seca 452</td>
</tr>
<tr>
<td>seca 684</td>
<td>EMR-validated handrail scale with ID-Display™</td>
<td>seca 452 Interface module to transmit measurements to EMR systems</td>
</tr>
<tr>
<td>seca 454</td>
<td>EMR-validated multifunctional scale with height measurement</td>
<td>seca 456 / 456 ea USB adapter for data reception on PC</td>
</tr>
<tr>
<td>seca 644</td>
<td>EMR-validated handrail scale with generous platform</td>
<td>seca 257 Ultrasonic height measurement to seca Scale-up Line order code</td>
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<tr>
<td></td>
<td></td>
<td>seca 453 Barcode scanner mount for seca Scale-up Line order code</td>
</tr>
<tr>
<td></td>
<td></td>
<td>seca 468 Large transport wheel set for seca Scale-up Line order code</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

**Capacity**
- seca Scale-up Line: 800 lbs / 360 kg or 360 kg
- seca 644: 800 lbs / 360 kg or 360 kg
- seca 684: 800 lbs / 360 kg or 360 kg
- seca 644: 800 lbs / 360 kg or 360 kg

**Graduation**
- seca Scale-up Line: 0.1 lb / 50 g or 50 g
- seca 644: 0.1 lb / 50 g or 50 g
- seca 684: 0.1 lb / 50 g or 50 g
- seca 644: 0.1 lb / 50 g or 50 g

**Measuring range**
- seca Scale-up Line: 3.0 ft 3” – 7 ft 2” / 100 – 220 cm
- seca 644: 3.0 ft 3” – 7 ft 2” / 100 – 220 cm
- seca 684: 3.0 ft 3” – 7 ft 2” / 100 – 220 cm
- seca 644: 3.0 ft 3” – 7 ft 2” / 100 – 220 cm

**Dimensions (W x H x D)**
- seca Scale-up Line: 31.5 x 50.4 x 25.7” / 801 x 1,280 x 653 mm
- seca 644: 31.5 x 94.0 x 25.6” / 801 x 2,387 x 650 mm
- seca 684: 35.8 x 43.3 x 41.9” / 910 x 1,100 x 1,064 mm
- seca 644: 25.2 x 45.3 x 26” / 640 x 1,150 x 660 mm

**Weight**
- seca Scale-up Line: 55.1 lbs / 25 kg
- seca 644: 63.9 lbs / 29 kg
- seca 684: 131.2 lbs / 59.5 kg
- seca 644: 55.9 lbs / 25.4 kg

**Power supply**
- 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
- TRANSMIT
- TRANSMIT
- TRANSMIT
- TRANSMIT

**INCLUDED**

- Flat scale seca 654 seca 654
- Handrail seca 645 seca 645
- Ultrasonic height measurement seca 257

**ACCESSORIES**

- Interface module seca 452
- USB adapter seca 455
- Measuring rod seca 423
- Barcode scanner mount seca 453
- Panda seca 459
- Large transport wheel set seca 468

**EMR VALIDATED**

- to any EMR system
## Wheelchair scales

### seca 676
- DMR-calibrated wheelchair scale with handrail and transport wheels.

### seca 664
- DMR-calibrated electronic wheelchair scale.

### seca 656
- DMR-calibrated electronic platform scale with innovative memory function.

### seca 674
- DMR-calibrated electronic platform scale.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 676</th>
<th>seca 664</th>
<th>seca 656</th>
<th>seca 674</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>26.2 x 46.1 x 55.5 cm</td>
<td>31.5 x 13.8 x 37.7 cm</td>
<td>21.5 x 13.8 x 37.7 cm</td>
<td>21.5 x 22.9 x 39.4 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>59.5 lb / 27 kg</td>
<td>73.9 lb / 33.4 kg</td>
<td>80.5 lb / 36.2 kg</td>
<td>101.9 lb / 46.2 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>0.4 lb / 180 g</td>
<td>0.026 lb / 12 g</td>
<td>0.7 lb / 345 g</td>
<td>4.4 lb / 2.0 kg</td>
</tr>
</tbody>
</table>

### Accessories for wheelchair scales

- seca 452: Interface module to transmit measurements to EMR systems.
- seca 456: USB adapter for data reception on PC.
- seca 456/456 ea: Adapter to transmit measurements to a Welch Allyn CVSM, CSM or Integrated Wall System.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 452</th>
<th>seca 456/456 ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>4.3 x 0.9 x 4.3 &quot;</td>
<td>9.3 x 0.2 x 6.7 &quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>14 oz / 0.4 kg</td>
<td>5.5 oz / 0.2 kg</td>
</tr>
</tbody>
</table>

## Chair scales

### seca 954
- DMR-calibrated chair scale with precise graduation.

### seca 952
- Chair scale for weighing while seated.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 954</th>
<th>seca 952</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>22.17 x 35.31 x 38.5 &quot;</td>
<td>35.2 x 3.4 x 65.2 &quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>56 lbs / 25 kg</td>
<td>18.1 lb / 8.2 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1 lb / 0.5 kg</td>
<td>0.1 lb / 0.5 kg</td>
</tr>
</tbody>
</table>

### Accessories for chair scales

- seca 452: Interface module to transmit measurements to EMR systems.
- seca 456/456 ea: Adapter to transmit measurements to a Welch Allyn CVSM, CSM or Integrated Wall System.
- seca 454: Battery for longer mobile use via chair scale seca 954.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 452</th>
<th>seca 456/456 ea</th>
<th>seca 454</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>43.4 x 2.2 x 43.4 &quot;</td>
<td>22.17 x 35.31 x 38.5 &quot;</td>
<td>9.3 x 0.2 x 6.7 &quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>18.1 lb / 8.2 kg</td>
<td>56 lbs / 25 kg</td>
<td>1.86 lb / 0.83 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1 lb / 0.5 kg</td>
<td>0.1 lb / 0.5 kg</td>
<td>0.7 lb / 345 g</td>
</tr>
</tbody>
</table>

## Specialized scales

### seca 856
- Digital and diaper scale with stainless steel cover.

### seca 852
- Digital portion and diet scale.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 856</th>
<th>seca 852</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>22.17 x 35.31 x 38.5 &quot;</td>
<td>22.17 x 35.31 x 37.64 &quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>893 lbs / 400 kg</td>
<td>22.17 lbs / 10 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>0.66 lb / 0.3 kg</td>
<td>0.06 lb / 0.3 kg</td>
</tr>
</tbody>
</table>

### Accessories for specialized scales

- seca 452: Interface module to transmit measurements to EMR systems.
- seca 456/456 ea: Adapter to transmit measurements to a Welch Allyn CVSM, CSM or Integrated Wall System.
- seca 454: Battery for longer mobile use via scale seca 854.

### Technical Data

<table>
<thead>
<tr>
<th>Function</th>
<th>seca 452</th>
<th>seca 456/456 ea</th>
<th>seca 454</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxHxD)</td>
<td>210 x 140 x 210 mm</td>
<td>210 x 140 x 210 mm</td>
<td>9.3 x 0.2 x 6.7 &quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>18.1 lb / 8.2 kg</td>
<td>56 lbs / 25 kg</td>
<td>1.86 lb / 0.83 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1 lb / 0.5 kg</td>
<td>0.1 lb / 0.5 kg</td>
<td>0.7 lb / 345 g</td>
</tr>
</tbody>
</table>
Medical Body Composition Analyzers

**Medical Body Composition Analyzer**

- **Carrying case seca 432**
- **Rolling stand seca 475**
- **Smart Bucket seca mVSA 526**
- **Large transport wheel set seca 468**

**Accessories for Medical Body Composition Analyzers**

- **Barcode scanner mount seca 463**

**BIOTECHNICAL IMPEDANCE ANALYSIS**

- **Measurement method**: 8-point Bioelectrical Impedance Analysis
- **Measurement frequencies**: 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, nose
- **Measurement current**: 100 μA
- **Measurement duration**: 17 seconds

**REQUiRED ACCESSORIES**

- **Software**: One license of the PC software seca mBCA 115

**Biological Data**

- **Dimensions (W x D x H)**: 38.4 x 59.4 x 32.6"
- **Graduation**: 1/8" / 1 mm
- **Capacity**: 660 lbs / 300 kg or 300 kg 800 lbs / 360 kg or 360 kg

**General**

- **Dimensions (W x H x D)**: 9.9 x 10.3 x 9.1" 30.7 x 0.5 x 18.4"
- **Weight**: 14.3 lbs / 6.5 kg 3.0 lb / 1.4 kg

**Consumables**

- **Software for medical Body Composition Analyzers**
- **Bar code scanner mount**
- **Kensington lock**

**Technical Data**

- **Measuring range**: 0.1 lb / 50 g or 50 g 0.1 lb / 50 g or 50 g
- **Weighing range**: 0.1 lb / 50 g or 50 g 0.1 lb / 50 g or 50 g
- **Resolution**: 0.1 lb / 50 g or 50 g
- **Capacity**: 660 lbs / 300 kg or 300 kg 800 lbs / 360 kg or 360 kg

**Order Code:**

- **ON IHM IUT NN**

**Software for Medical Body Composition Analyzers**

- **seca analytics 115**: Cloud-based software for the professional evaluation of body composition
- **seca analytics 125**: Medical PC software for the professional evaluation of body composition
Medical Vital Signs Analyzer

**Components for medical Vital Signs Analyzer**

- **seca mVSA 535**
  - Reusable finger clip for measuring SpO2 in adults
  - Temperature probe (clinical)
  - Temperature probe (rectal)
  - Probe covers (oral/axillary, rectal)
- **seca 415**
  - Rolling stand for mobile use of the seca mVSA 535
  - Probe covers (oral/axillary, rectal)
- **seca 400017**
  - Clamp mount for easy mounting of the seca mVSA 535 to the rolling stand seca 415
- **seca 432**
  - Carrying case for the seca mVSA 535
- **400 0005**
  - Reusable seca sphygmomanometer cuffs available in various sizes (S-XL)
- **400 0013**
  - Probe covers (oral/axillary, rectal)

**Consumables**

- **SET® SpO2 sensors**
  - Orderable only in combination with a seca mVSA 535.
- **Extension cord for Masimo SB 2.0®**
  - Orderable only in combination with a seca mVSA 535.

**Technical data**

**TECHNICAL DATA**

- **Applications**
  - SpO2 measurement range: 0.0 % – 100.0 %
  - PR accuracy ± 3 bpm resting
  - PR ± 5 bpm in motion
  - PR ± 3 % in motion
- **Measurement range**
  - SpO2: 0.0 % – 100.0 %
  - PR: 25 bpm to 240 bpm
- **Measurement accuracy**
  - SpO2: ± 2 % resting
  - SpO2: ± 3 % in motion
  - SpO2 ± 5 bpm in motion
  - PR ± 3 bpm resting
  - PR ± 5 bpm in motion
- **Measuring procedure**
  - Oscillometric, deflation or inflation measurement
- **Application range**
  - > 66.1 lbs / 30 kg
- **Dimensions (WxHxD)**
  - 30.7 x 0.8 x 6.7”
  - 780 x 20 x 170 mm

**Accessories for medical Vital Signs Analyzer**

- **Rolling stand seca 475**
  - For use with the seca mVSA 535
- **Extension tube for Masimo SB 2.0® SpO2 sensors**
  - Orderable only in combination with a seca mVSA 535.

**Reusables**

- **Probe covers**
  - reusable (oral/axillary, rectal)
- **Seccom® sphygmomanometer cuffs**
  - available in various sizes (S-XL)
- **Seccom® extension tube**
  - Orderable only in combination with a seca mVSA 535.
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.

**BMI function**
The amount of body fat 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.

**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 BMIF function or a PC via radio. When the auto SEND function is set, the SEND function is automatically triggered as soon as the weight has stabilized.

**RESET function**
The RESET function restores the factory settings.

**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 bar-code scanner. Manual transmission 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.

**BMIF**
Breast-Milk-Intake function (BMIF). At the touch of a button, the measured and input values can be transmitted directly into the electronic patient record (EMR) after identification of the patient and the user by bar-code scanner. Manual transmission errors can therefore be avoided.

**Auto-HOLD**
This function was developed to enable the weighing of patients in the arms of their caregivers. When the Auto-HOLD function is activated, the HOLD function is automatically triggered as soon as the patient is to be shown.

**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 Ratio compares the patient’s per centage 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 FMU. 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 seamlessly transmitted to calculate the resting energy expenditure and total energy expenditure or percentages 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 ring 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 scale reacts 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 BMIF function or a PC via radio. When the auto SEND function is set, the SEND function is automatically triggered as soon as the weight has stabilized.

**Confirm button**
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**Three-point height measurement**
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**mBIA**
Medical Body Composition Analyzer: a device that provides a medically precise measurement of a person’s body composition.

**BMIF**
Breast-Milk-Intake function. The amount of milk fed in kg as an absolute mass and in % as the relative proportion of the body weight.

**FM**
Fat Mass: the fat mass defines the amount of body fat based on the height, weight and fat mass.

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

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

**BW**
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 body 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 functions).

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

**mVSA**
Medical Vital Signs Analyzer: a device that measures the vital parameters of blood pressure, SpO2, pulse, temperature and, by means of a measuring mat, body composition (Bioelectrical Impedance Analysis).

**SpO2**
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.

**mBCA and mVSA:**
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 based on the height, weight and fat mass.

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

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

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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.

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