

# seca 952



# 1. Congratulations!

---

By purchasing the **seca 952** electronic chair scale, you have acquired a highly-accurate and sturdy piece of equipment.

seca has been putting its experience at the service of health for over 150 years now, and as market leader in many countries of the world, is always setting new standards with its innovative developments for weighing and measuring.

In accordance with national regulations, the **seca 952** wheelchair scale with standing aid is used primarily in hospitals, doctors' surgeries and in-patient nursing facilities.

The weight display can be switched between kilogrammes (kg), pounds (lb) and stones (st). Weight is determined within a few seconds.

The **seca 952** can be moved on castors, and its low power consumption means that it can be used on a mobile basis with batteries for long periods.

**seca 952** chair scales are made for people who are not especially steady on their feet. To give you a safe feeling while weighing, the chair scale has a solid tubular frame and a firmly bolted seat. The free-running casters make the scale very easy to move. The wheel-locking lever, together with the swiveling armrests and foot supports, makes it easier to sit in safety.

The scale is of a very sturdy construction and will give you long and loyal service. It is easy to operate and the large display is easy to read.

## 2. Safety

---

Before using the new scale, please take a little time to read the following safety instructions.

### Warnings

- Never use the **seca 952** chair scale for transport purposes. Do not use **seca 952** chair scale to transport people or objects. If you transport people or objects using the chair scale, there is an acute risk of injury.
- Never place the **seca 952** chair scale on sloping surfaces. The brakes on the casters could be released.
- Prevent the scale from rolling away accidentally. Use the wheel brake when the patient is sitting down or getting up and assist people who are unsteady on their feet.

### Notes

- Follow the safety instructions in the instruction manual.
- Keep the operating manual and the declaration of conformity contained therein in a safe place.
- Have scale serviced on a regular basis (see "Servicing" on page 16).
- Use only the type of battery stated (see "Power supply" on page 11).

## 3. Before you start...

---

### Unpacking

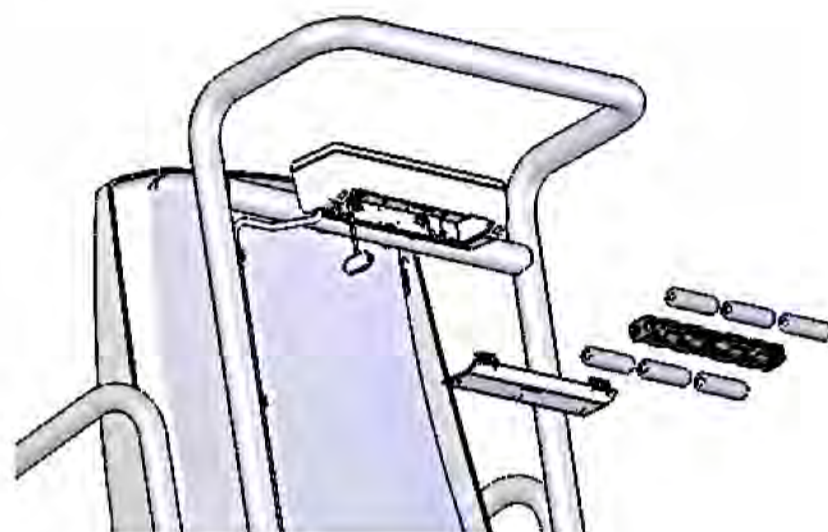
The scope of supply includes:

- Chair scale comes complete assembled
- Battery holder containing  
6 mignon-type AA 1.5 V batteries
- 1 set of operating instructions


### Power supply

The scale is powered exclusively by batteries.

- Open the battery compartment in the base of the display housing.
- Connect the cable to the holder and batteries.
- Place the holder in the battery compartment.
- Close the lid of the battery compartment again.



The LC display has a low power consumption – 4000 weighing operations can be performed with one set of batteries.

Once battery voltage is no longer adequate, the battery symbol  first appears in the display to indicate that battery power is dropping.

Once battery power is no longer sufficient, **bAtE** appears in the display and weighing is no longer possible.

# 4. Operation

---

## Controls and displays

Controls on the display



Switch scale on and off



press briefly

→ switch between kg, lbs and sts



press briefly

→ start a new weighing operation without removing the load from the scale

hold down

→ set display to zero, activate/deactivate tare function

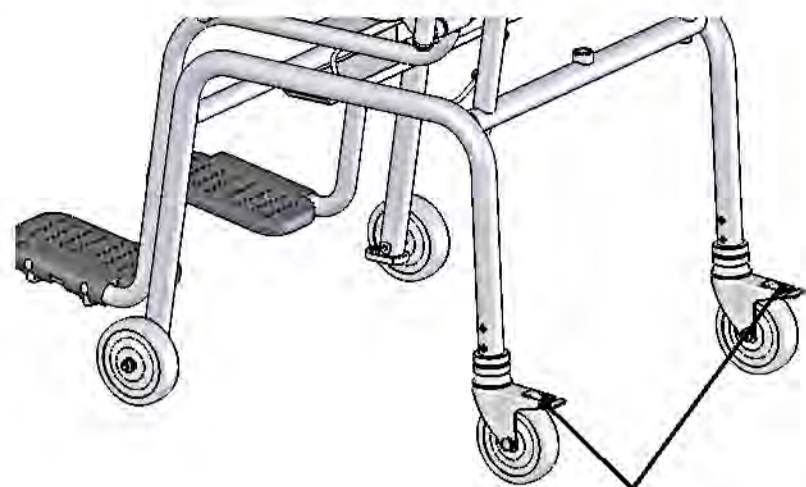
## Other controls

The armrests on the chair scale can be swivelled backwards independently. This is useful because it makes it easier for the person being weighed to sit down.

- Ensure that you do not trap any part of the body or pieces of clothing when folding the rests down.

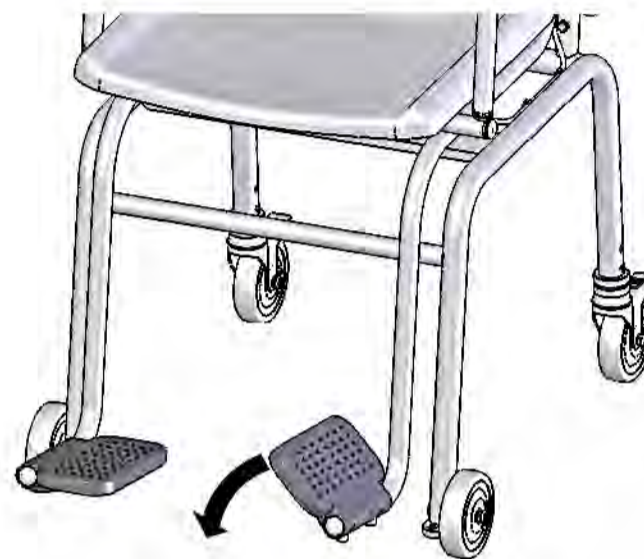


- The rear casters can be locked if you push down the two locking levers on the casters. This device should be used when the patient is sitting down on the scale or getting up from it.



Locking lever

- Once the person who is to be weighed is seated, the foot-rests are tilted downwards. The patient can now place his or her feet on the foot-rests.



## Correct weighing

- Press the **start** key with no load on the scale.  
**SECA, 88888** and **00** appear consecutively in the display. The scale is then automatically set to zero and ready to use.
- If necessary, switch the weight display (see page 14).
- Get the patient to sit on the scale.
- The patient's weight can only be determined once he or she is no longer in contact with the floor. Be sure, therefore, that the patient's feet are on the foot rest throughout the weighing operation.
- Read the weighing result off the digital display.
- If a load greater than 200 kg is placed on the scale, **Stop** appears in the display.
- To switch off the scale, press the **start** key again.



**Stop**



## Auto-hold function

The HOLD function is activated automatically at weights of over 1.5 kg. The display flashes until a stable weight has been measured. The display is then frozen until the next weighing operation. HOLD appears in the display.

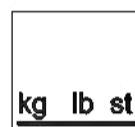
- To perform a new measurement without removing the load from the scale first, press the **hold/tare** key.



## Switching the weight display

The weight display can be switched between kilogrammes (kg), pounds (lb) and stones (st).

- Switch on the scale using the **start** key. Weight is initially displayed in the last setting selected.
- To switch the weight display between kilogrammes, pounds and stones, keep pressing the **kg/lb/st** key until the desired unit appears in the display.
- The **kg**, **lbs** or **sts** display lights up.



## Automatic switch-off/economy mode

The scale switches off automatically after approx. 3 minutes if it has no load on it. If the tare or hold functions are activated, the scale switches off after approx. 2 minutes. If the scale has a load of at least 2 kg on it, it does not switch off for approx. 2 minutes.

## Taring weight display (TARE)

The Tare function is very useful if an additional weight (a blanket, for example) is to be ignored for weighing purposes.

Proceed as follows:

- Press the **start** key with no load on the scale.
- First place the additional weight (a blanket, for example) on the scale and activate the Tare function by depressing and holding the **hold/tare** key.



The display is reset to zero. **0.0** appears in the display. The note "NET" appears.

- Now put the patient and the additional weight on the scale.

The scales calculate the patient's weight without the additional weight. You can now perform as many weighing operations as you like.

- Hold the key down again to deactivate the Tare function; the scale is then back in normal weighing mode and the tare value has been erased.
- The tare value is likewise erased by the scale being switched off.



## 5. Cleaning

---

Clean the seat and the housing as required using a domestic cleaning agent or commercially-available disinfectant. Follow the manufacturer's instructions.

Under no circumstances use abrasive or acid cleaners, white spirit, benzene or the like for cleaning. Such substances can damage the high-quality surfaces.

## 6. What do I do if...

---

### ... no weight display comes on?

- Is the scale switched on?
- Check the batteries.

### ... **0.0** does not appear before weighing?

- Switch off the scale with the Start key and start the scale again – there must not be any load on the scale – and only its feet should be in contact with the floor.

### ... one segment is illuminated constantly or not at all?

- The relevant segment has a fault. Inform Servicing.

### ... the display shows ?

- Battery voltage is running low. Change the batteries in the next few days.

### ... **bAtE** appears in the display?

- Batteries are empty. Put in new batteries.

### ... **5tOP** appears in the display?

- Maximum load has been exceeded.

### ... the display flashes?

- If you have just activated the Hold or Tare function, please wait until the scale has detected a steady weight value. The display will then stop flashing.

- If there has been no activation of a function beforehand, remove the load from the scale and wait until **00** is displayed, then weigh again.

**... the display  $E_r$  and a number appear (e.g.  $E_r: 12$ )?**

- Switch off the scale with the Start key and start the scale again. The scale will then work normally again.  
If this is not the case, disconnect the power supply by briefly removing the batteries. If this measure is equally unsuccessful, inform the Service department.


## 7. Servicing

---

Your seca scale leaves the factory with an accuracy greater than  $\pm 0,1 \text{ \%}/\pm 100 \text{ g}$ . To ensure that this accuracy is maintained, the product must be carefully set up and regularly maintained. Depending on the frequency of use, we recommend servicing every 3 to 5 years. Please ensure that a qualified service agent is used. If in doubt, contact seca Customer Service for further information.

## 8. Technical data

---

<b>Maximum load</b>	200 kg / 440 lbs / 32 sts
<b>Minimum load</b>	1 kg
<b>Graduations</b>	100 g / 0.2 lbs
<b>Dimensions</b>	
height:	920 mm
width:	565 mm
depth:	810 mm
<b>Height of figures</b>	20 mm
<b>Weight</b>	approx. 24.5 kg
<b>Temperature range</b>	+10 °C to +40 °C
<b>Power supply</b>	batteries
<b>Batteries</b>	6 type AA 1.5 V batteries
<b>Power consumption</b>	approx. 25 mA
<b>EN 60 601-1:</b>	
medical electrical equipment type B:	
<b>Accuracy</b>	greater than $\pm 0,1 \text{ \%}/\pm 100 \text{ g}$
<b>Functions</b>	Switch between units, NET, Auto-hold



## 9. Disposal

---

### Disposing of the device



Do not dispose of the device in domestic waste. The device must be disposed of properly as electronic waste. Follow the national regulations which apply in your case. For further information, contact our service department at: [service@seca.com](mailto:service@seca.com)

### Batteries

Do not throw used batteries away in domestic waste. Dispose of batteries at collection points in the vicinity. When buying new batteries, select those low in harmful substances and containing no mercury (Hg), cadmium (Cd) or lead (Pb).

## 10. Warranty

---

A two-year warranty from date of delivery applies to defects attributable to poor materials or workmanship. All moveable parts - batteries, cables, mains units, rechargeable batteries etc. - are excluded. Defects which come under warranty will be made good for the customer at no charge on production of the receipt. No further claims can be entertained. The costs of transport in both directions will be borne by the customer should the equipment be located anywhere other than the customer's premises. In the event of transport damage, claims under warranty can be

honoured only if the complete original packaging was used for any transport and the scale secured and attached in that packaging just as it was when originally packed. All the packaging should therefore be retained.

A claim under warranty will not be honoured if the equipment is opened by persons not expressly authorised by seca to do so.

We would ask our customers abroad to contact their local sales agent in the event of a warranty matter.

### **EVO CARE AUSTRALIA PTY LIMITED**

A.B.N. 98 078 566 604

Trading as **EVO CARE** and **L&M EQUIPMENT**

P.O. Box 1144, Stafford Qld. 4053

Ph: 07 3355 8000 Fax: 07 3355 5043

Website: <http://www.evocare.com.au>

Email: [sales@evocare.com.au](mailto:sales@evocare.com.au)

[workshop@evocare.com.au](mailto:workshop@evocare.com.au)

[warehouse@evocare.com.au](mailto:warehouse@evocare.com.au)

[accounts@evocare.com.au](mailto:accounts@evocare.com.au)

