

# 1. Congratulations!

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In the **seca 606** electronic veterinary scale you have purchased a high-precision yet 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.

The **seca 606** electronic veterinary scale is designed primarily for use in veterinary practices. Its graduations of 20 g to 20 kg mean that small animals can also be weighed, with the result that a second scale is no longer required for this weight range.

The weight display can be switched between kilogrammes (kg), pounds (lbs) and

stones (sts). Weight is determined within a few seconds.

The Auto-HOLD function continues to show the weight determined in the display even after weighing is complete. This means you can look after the animal first and then make a note of its weight.

The Tare function allows additional weights which are to be ignored for weighing to be deducted.

The adjustable damping for weight determination makes it possible to weigh very restless animals.

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

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

- Follow the safety instructions in the instruction manual.
- Do not drop the scale or subject it to violent shocks.
- The cable between the weighing platform and the case must be laid so that it does not present a tripping hazard.
- Avoid pulling hard on the connecting cable to the display unit.
- When using the scale with a mains unit, ensure that the supply cable is routed in such a way as to exclude any type of tripping hazard.
- Have repairs carried out exclusively by authorised persons.
- Have scale serviced on a regular basis (see "Servicing" on page 19).

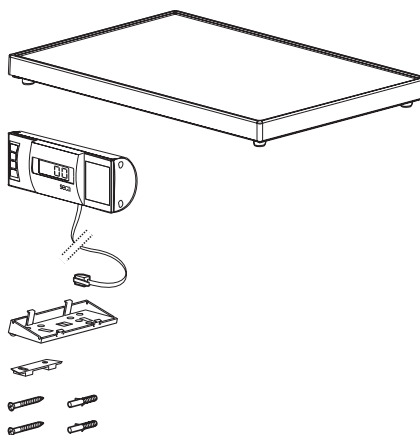
### 3. Before you start...

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Remove the packaging and place the scale on a firm, level surface.

The scope of supply includes:

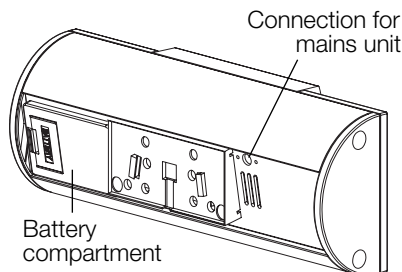
- Weighing platform
- Display head plus connecting cable
- Adapter wedge
- Wall bracket
- Screws
- Rawlplugs
- 1 set of operating instructions



#### Power supply

The LC display has a low power consumption – 10.000 weighing operations can be performed with one set of batteries.

- Push the battery compartment closure towards “Battery” and open the cover.
- Connect the cable to the holder and batteries.
- Place the holder in the battery compartment.
- Close the cover.

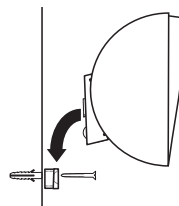
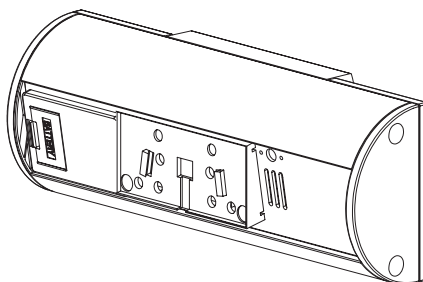


**Note: the scale is prepared for use with a seca mains unit which is available as an accessory.**

## Wall bracket

The display part can also be attached to the wall. The adapter wedge, wall bracket and fixings are intended for this purpose.

- Attach the adapter wedge to the bottom of the display. The adapter wedge must be fitted so that the tip of the wedge points backwards. First hook the small hooks in the holes provided for them and then engage the long locking hook in the bottom of the display by pushing the hook inwards.
- Now fix the wall bracket to the desired location on the wall, with the broader part of the wall bracket facing downwards.
- Guide the connecting cable through the opening at the bottom of the adapter wedge and now hang the display part in the wall bracket from above.
- The display part can be removed at any time if required by taking it off the wall bracket in an upward direction.

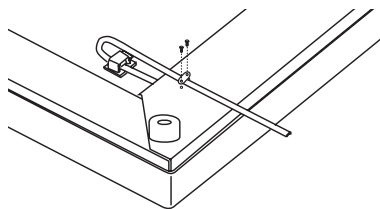


## Connecting the connecting cable to the weighing platform

The connecting cable of the display part is used to transmit digital data which are considerably less sensitive to interference than the otherwise conventional small analog measuring signals. Ageing and wear on the cable and on the plug contacts thus have no effect on the accuracy of the scale.

To make the connection, proceed as outlined below:

- Connect the cable from the display housing to the socket under the platform.
- Make a loop in the connecting cable and clamp it in the slacking device on the underneath of the scale.
- Screw the cable firmly in the slacking device using the two screws.



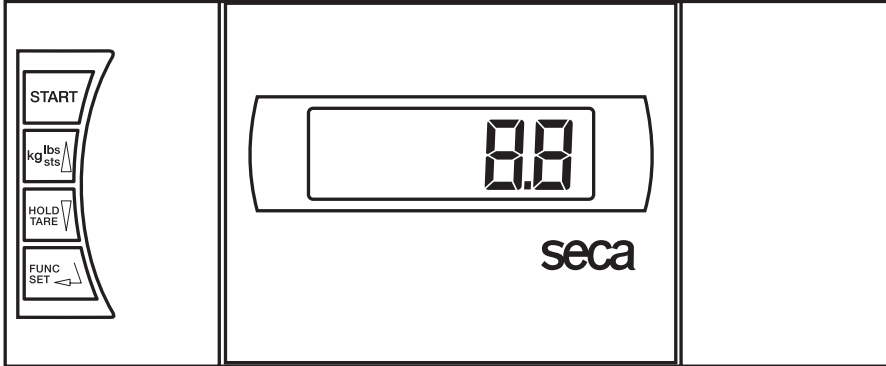
The cable should not be drawn too tightly between the socket and the slacking device, otherwise weighing errors will result.

- Then place the scale upright again.

## 4. Operation

### Controls and displays

The controls and display are in the display part.



Switch scale on and off

press briefly

→ switch between kg and lbs



hold down

→ switch between kg and sts

in the damping menu

→ increase value, scroll



press briefly

→ new weighing operation with unchanged load

hold down

→ set display to zero, activate/deactivate tare function

in the damping menu

→ decrease value, scroll



Call up damping menu, setting damping, Confirmation

## Correct weighing

The weight determined continues to be displayed even after the load has been removed from the scale (AUTO-HOLD function). This makes it possible to look after the animal first and then make a note of its weight.

- Press the Start key.  
**SECA**, **888888** 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 16).
- Place the animal to be weighed on the scale.



The display starts to flash, showing that the scale is checking the stability of the weight values. Only once stability prevails is the displayed value stored. The value is stored in the display until the next weighing operation or until the scale switches off automatically.

- Read the weighing result off the digital display.

A new weighing operation can proceed without the key being pressed again, as putting a new load on the scale ensures that a new weighing operation is performed automatically.

- If a load greater than 100 kg or 220 lbs is placed on the scale, **StOP** appears in the display.
- For a renewed measurement without removing the animal from the scale, press the **Hold/Tare** key briefly.
- To switch off the scale, press the Start key again.



## Switching the weight display

The weight display can be switched between kilogrammes (kg) and pounds (lbs) or between kilogrammes (kg) and stones (sts).

- Switch on the scale using the green Start key. Weight is initially displayed in the last setting selected.
- To switch the weight display between kilogrammes and pounds, press the **kg/lbs/sts** key.
- The **kg** or **lbs** display lights up.



- To switch weight display between pounds and stones, hold down the **kg/lbs/sts** key for approx. 2 seconds. The **lbs** or **sts** display lights up.



## Automatic switch-off/economy mode

To save energy, the scale switches off automatically after some time:

- 5 minutes after it was last used or
- 2 minutes after it has been switched on and not been used.

## Taring weight display (TARE)

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

Proceed as follows:

- Press the green Start key.



- First place the additional weight (e.g. a cage) on the scale and activate the Tare function by pressing and holding the **HOLD/TARE** key.



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



- Now place the animal and the additional weight on the scale.

The scale determines the weight of the animal 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.

## Setting damping

Damping is useful for reducing weight determination malfunctions (due to the animal moving about, for example). The stronger the damping, the more slowly the weight display reacts. If an animal is very restless, set a high level of damping. You can set damping to suit requirements.

- Press the **FUNC** key and keep it depressed for 2 seconds.



**FIL** and the current setting appear in the display:

- 0 = slight damping  
→ fast determination of weight
- 1 = average damping  
→ normal determination of weight
- 2 = strong damping  
→ slow determination of weight

- Press an arrow key if you want to change the set value.



- Press the **FUNC** key again to store the displayed value. The scale is then back in normal weighing mode.



**The settings are retained even once the scale is switched off.**

## 5. Cleaning

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Clean the weighing platform 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...

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

- Is the scale switched on?
- Check the batteries.
- Is the plug contact for connecting the display to the scale correctly connected?

### ... 0.0000 does not appear before weighing?

- Press the Start key 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 tENP appears?

- The ambient temperature of the scale is too high or too low. Place the scale in an ambient temperature between +10 °C and +40 °C. Wait about 15 minutes for the scale to adapt to the ambient temperature and then weigh again.

### ... the display E and a number appear?

- 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

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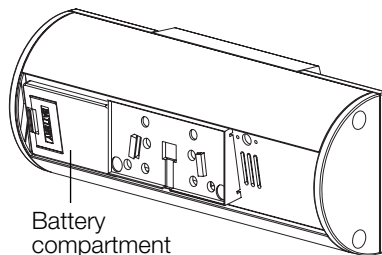
Your seca scale leaves the factory with an accuracy greater than  $\pm 0.2\%$ . To ensure that this accuracy is maintained, the product must be carefully set up and regularly maintained. Depending on the frequency of use, we recommend servicing every 3 to 5 years. Please ensure that a qualified service agent is used. If in doubt, contact seca Customer Service for further information.



## Changing the batteries

When  or **bAtt** appear in the display, you should change the batteries. You need 6 type AA 1.5 V batteries.

- Turn the display unit round carefully so that the battery compartment is accessible.
- Push the battery compartment closure towards "Battery" and open the cover.
- Take out the holder and batteries.
- Remove the used batteries and insert new batteries in the holder.



### Check that the polarity is correct.

- Place the holder and batteries in the battery compartment.
- Close the cover.
- Then turn the display unit back again.

## 8. Technical data

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### Dimensions

width: 900 mm  
 height: 75 mm  
 depth: 600 mm

**Height of figures** 20 mm

**Weight** approx. 14 kg

**Temperature range** +10 °C to +40 °C

**Power supply** Battery/mains unit (option)

**Power consumption** approx. 30 mA

**Batteries** 6 type AA 1.5 V batteries

**Accuracy**  $\pm 50 \text{ g} < 25 \text{ kg} > \pm 0.2 \%$

**Maximum load** 100 kg / 220 lbs

**Tare range** up to 100 kg / 220 lbs

### Graduations

0 up to 20 kg / 44 lbs 20g / 1 oz

20 kg up to 50 kg / 110 lbs 50g / 2 oz

50 kg up to 100 kg / 220 lbs 100g / 4 oz

**Colour** white

**Functions** Switch between units, Tare, Auto-Hold (from 500 g), damping

## 9. Spare parts and accessories

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### Model dependent mains unit

Description: plug-in mains unit, Euro: 12 V / 130 mA  
seca no.: 68-32-10-252

Description: plug-in mains unit, USA: 12 V / 150 mA  
seca no.: 68-32-10-259

Description: desk-top mains unit, switchable, Euro  
seca no.: 68- 32-10-243

### Plug-in mains unit

Use only seca original plug-in mains units with 9 V or controlled 12 V output voltage. Commercially-available mains units may supply a higher voltage than stated and thus lead to damage to the scale.

## 10. Disposal

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### 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).

### Disposing of the scale

If the scale can no longer be used, the responsible waste disposal association will be glad to advise you on the measures necessary to dispose of it properly.

## 11. Warranty

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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.