



# WEIGHING SCALE



## USER MANUAL & TECHNICAL SPECIFICATIONS

***Dear user,***

***Thank you for choosing SCHRÖDER products. This manual includes the using instructions for SCALE. Please read this manual carefully before using the product.***

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## Weighing Scale Calibration

The scale and/or bed angle must be calibrated if any/all of the load cells, actuators or control boxes have been replaced. The scale calibration procedure must be completed before the the bed can be fully operational. Additionally, until the scale has been calibrated, the scale, and/or any feature that uses the scale will not be available.

**IMPORTANT:** To ensure optimal scale performance Schröder Beds strongly recommends calibrating the bed angle if any major bed component (ie, Hi-Lo actuators, leg actuators, leg assemblies, frame component, caster assembly, etc) has been replaced.

In most instances, calibration must be initiated by staff. However, if the scale control box or load cells have been replaced, the scale calibration process will automatically be prompted when the bed is first powered up. The LCD display will show the following message when any Scale action is attempted.









### **NOTE:**

A scale or bed angle calibration attempt may be abandoned at any time. Simply press the BACK button at any time to return to the home screen The scale and bed angle calibration will, respectively, revert to their previous calibration settings.



## Scale Calibration

Preparing the Bed for Scale Calibration	
<p>Before beginning a scale calibration ensure all rails have been lowered to the down position to allow greater access to the mattress platform.</p> <p>Ensure the mattress deck has been collapsed to the 36" mattress deck position to allow weights to be positioned directly over the load cells.</p> <p>The Spirit One™ bed may shift during weight positioning/repositioning. Ensure the Central "Lock &amp; Steer" system has been put in the "BRAKE" position.</p> <p>Raise/Lower bed to a comfortable working height.</p>	
<p>You will now be instructed to remove all weight from the mattress platform. Once complete, press the CONTINUE button when you are ready to begin the scale calibration procedure.</p>	
<p>In between each step, the screen will inform the user it is currently registering the measurement. During this period, it is important to not disturb the bed. Ensure the bed is free and clear of all obstructions to ensure a proper weight reading.</p>	
<p><b>NOTE:</b></p>	<p>Using that exact total sum of calibration mass is essential to ensure the accuracy of the scale. Schröder Hospital Beds recommends the use of certified calibration weights when performing scale calibration. If your healthcare facility does not have certified test masses, enlist the service of an accredited calibration laboratory/service to perform scale calibration. Ensure that the calibration laboratory/service has been accredited by Measurement Canada (or equivalent "weights and measures" certifying body/agency).</p>
<p><b>NOTE:</b></p>	<p>A scale is most accurate and delivers superior repeatability when it has been calibrated within the range that the scale is expected to typically operate. For this reason, the bed uses 20kg (132 lbs) to calibrate the scale.</p>
Scale Calibration Procedure	
<p><b>IMPORTANT:</b> Position the calibration masses as shown below. These positions will locate the calibration masses directly over each respective load cell. This will produce the best calibration results.</p>	

<p>1. Place calibration masses at the patient left, head end of the bed. Press CONTINUE when the weights are in correct position.</p>		
<p>2. Please push the "SET" button in 4 second. After that you will see on the screen "POINT". After that push the set button one time.</p>		
<p>3. Push the OK button until see "1" on the screen. After that push the "SET" button. Push the "OK" button and after the push "SET" button for seeing "STEP" menu. Until see "0,1" push the "SET" button.</p>		
<p>4. After the seeing push "SET" and you will choose another menü. With the "OK" button choose "CAPS" menü. With the green button you can choose capacity. After that push the "SET" for finishing "CAPS" menü. After that with the "OK" button choose "FILT" menü.</p>		
<p>5. It must be "0". After that push the "SET" and save. With "OK" button choose "ZERO" menü and with "SET" button inside it. Push "0". After that on the screen will be "LOAD". Then put the any weight which you know the how many kilogram. Then put the "SET" you will see weight on the menü.</p>		

<p>6. After successful completion of the calibration procedure, a message will be displayed. Press ON/ENTER button to continue.</p> <ul style="list-style-type: none"> <li>• The scale has now been successfully calibrated and the bed is now ready for use.</li> </ul>	
<p>If the bed detects a problem during any stage of the scale calibration procedure, a warning message will be displayed.</p> <ul style="list-style-type: none"> <li>• Press the ON/ENTER button to acknowledge calibration procedure failure.</li> <li>• The LCD display will automatically return you to the home screen.</li> </ul> <p><b>IMPORTANT:</b> If the calibration procedure fails a second time, the bed may require service and/or component replacement.</p>	



#### **⚠ WARNING**

Bed may shift during weight positioning/repositioning.  
Ensure the Central "Lock & Steer" system has been put in the "BRAKE" position.

## **Warranty & After Sales Service**

**The following shall not be covered by warranty:**

**Maintenance of the below mentioned items by unqualified people (or faulty maintenance) Mechanic Systems**

**Any Faulty Maintenance**

**Use of accessories or pieces by unauthorized people**

**Noncompliance with general care & cleaning instructions**

**Non compliance with the instructions specified in the manual.**

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