

Calibrating instructions 2 and 3 Axle inclinometer



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The work procedures for checking and adjusting the inclinometer described here are always recommend when the inclinometer is dropped on the ground or high climatic temperature deviations have been shown since the last calibration. The inclinometer may not be adjusted correctly if the measurement value cannot be reproduced.

For checking, place the inclinometer on a horizontal surface / plate. Turn the device on and note the angle displayed. Turn the inclinometer by 180°. If this angle measured now deviates from the first value, the device must be readjusted.

Preparatory measures



Note

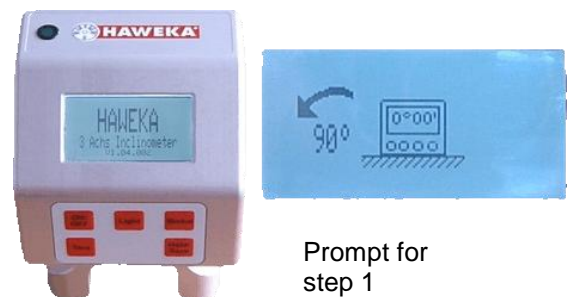
For comparing the angle of the device, it is necessary that the inclinometer to be checked is placed on a horizontal surface / plate that has previously been accurately aligned using a spirit level.

Comparing the angle










The wing screws and the securing straps are removed from the inclinometer. The inclinometer stands straight with the fixing base (foot) on the horizontal plate.



Press the **MODUS** button on the control panel and keep it pressed. In addition, briefly press the **ON/OFF** button. Keep the **MODUS** button pressed for a further 5 seconds until the display changes to the calibrating mode.



Prompt for step 1

<p>Step 1 Follow the instructions on the display and tip the inclinometer to the left side. Wait until the display changes for the 2nd step.</p>	  <p>Prompt for step 2</p>
<p>Step 2 Follow the instructions on the display and tip the inclinometer to the right side. Wait until the display changes for the 3rd step.</p>	  <p>Prompt for step 3</p>
<p>Step 3 Follow the instructions on the display and tip the inclinometer to the front side. (Lay on the keypad) Wait until the display changes for the 4th step.</p>	  <p>Prompt for step 4</p>
<p>Step 4 Follow the instructions on the display and tip the inclinometer to the back side. (Lay on the back cover) Wait until the display changes to the screen for the camber value.</p>	 
<p>The sensor calibration is completed and the inclinometer can be placed back onto the fixing base (foot). Turn off the inclinometer using the ON/OFF button.</p>	

Precise comparison of the sensor position in the enclosure

The adjustment is used for setting and calibrating the measurement variables of the inclinometer to the accuracy for the complete unit.




Preparatory measures



Hinweis

For the calibration of the device, it is necessary that the inclinometer to be checked is placed on a horizontal surface / plate that has previously been accurately aligned using a spirit level.

Comparison of the sensor position to the measurement surface

<p>The wing screws and the securing straps are removed from the inclinometer. The inclinometer stands straight with the fixing base (foot) on the horizontal plate.</p>	
<p>Press the Light button on the control panel and keep it pressed. In addition, briefly press the ON/OFF button. Keep the Light button pressed for a further 5 seconds until the display changes to the calibrating mode.</p>	
<p>Press the Tara button on the control panel without moving or knocking the inclinometer in doing so! The display shows that the device has changed to the adjusting mode.</p>	
<p>After automatically ending the measurement, the display changes to the camber value screen. The measurement value shown should now lie between 0°00' and 0°02'. The zero calibration has been completed and the inclinometer should be turned off using the ON/OFF button.</p>	