

Calibration Manual



Contents

5 Calibration

3

(copy of chapter 5.2 from the user manual)

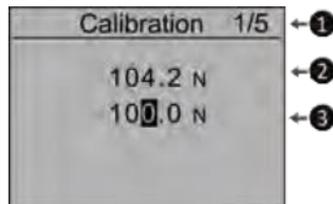
5. Calibration

Because of the sensor material performance or the influence of external factors, there may be errors in a certain range after a period of time use.

You should send the Tensiotec back to us for Calibration or to a local specialized testing organization for calibration.

If you have **standard force weights (ISO calibrated & certified)** you may calibrate it in a test stand.

Warning: calibrating this device by yourself leads not to any responsibility of Tensiotec!
For the built-in calibration procedure see the next page.



- ① Calibration times
- ② Current measuring value
- ③ Standard value input

Fig. 5-3

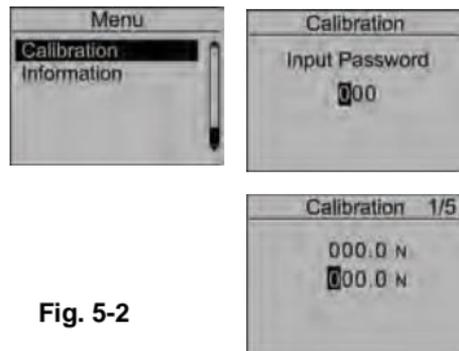


Fig. 5-2

If you have ISO certificated standard force weights you can calibrate the Tensiotec by yourself

① Mount the force gauge.

② Remove the tare by use of the key



③ Enter Calibration interface, as **Fig 5-2**.

The calibration interface is shown as **Fig 5-3**.

④ Load a standard force. Now the value in standard input

area is just equal to the current measured value. Wait a moment for the force stability.

⑤ Touch  and  to input the standard force value.

⑥ Touch  to enter the next calibration. Touch  can interrupt the calibration.

When the 5 times calibration had been finished or be interrupted, a confirm window will pop up to ask

for save or not save the calibration. (**Fig. 5-3**)

Touch  or  to select, then press .

If "YES" is selected, "**Calibrate complete!**" is displayed.

NOTE:

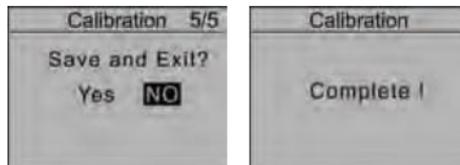


Fig. 5-4

- ① Set the unit of force to the unit used in calibration previously (as shown in the manual **3.2.1 Unit**)
- ② Ensure that the tare weight of attachment has been removed before calibration.
- ③ You can do any point or points calibration from 1 to 5 point., we recommend 5 points calibration.

Contact us for calibration on demand or additional information!

www.Tensiotec.com