

Calibration Manual



5. Calibration

(copy of chapter 5.3 from the user manual)

5.3 Calibration

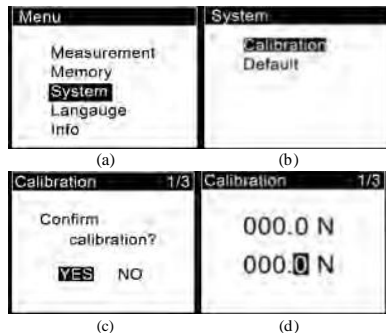
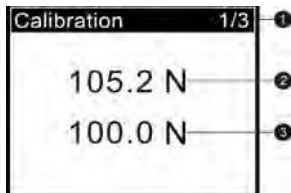


Fig 5-1

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 force gauge back to us or to a local certified 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 5-2

① Mount the force gauge.

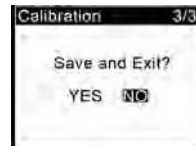
② Remove the tare by use of the key



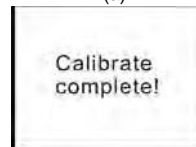
③ Enter Calibration interface, as Fig 5-1.

The calibration interface is shown as Fig 5-2.

④ Load a standard force.







(a)






(b)

Fig 5-3

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

- ⑤ Press  and  to input the standard force value.
- ⑥ Press  to enter the next calibration. Press  can interrupt the calibration.

When the 3 times calibration had been finished or be interrupted, a confirm window will pop up for asking your "Save and Exit"(YES) or "not save and exit" (NO). (Fig 5-3a)

Press  or  to select, then press .

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

Contact us for calibration on demand or additional information!

www.Tensiotec.com