

TORQUE METER / TORQUE TESTER

PCE-TWT 10N



- » **3 Measuring modes**
- » **4 Measuring units**
- » **Large display**
- » **Internal memory**
- » **Adjustable alarm**

The torque meter / torque tester is a compact, portable precision tool for applications where exact torque values are crucial. It has an easy-to-read backlit display that provides clear values even in poor lighting conditions.

To assist the user, the torque meter / torque tester emits both an acoustic signal and an LED display as soon as the preset torque value is reached. Four different units of measurement (Nm, kgf-cm, lbf-ft, lbf-in) and three measuring modes - real time, peak value and preset - make it flexible to use. Automatic switch-off after a few minutes saves the batteries, and up to 999 measured values can be stored in the internal memory. The stored values can only be called up on the device.

The torque meter / torque tester is equipped with a fine-toothed ratchet head, which enables precise work even with a small radius of movement. Thanks to its robust construction made of metal and resistant plastic, it is durable and suitable for regular use. Our torque meter / torque testers are primarily used in vehicle construction, mechanical engineering, bicycle assembly and in the electrical and electronics industry. They are used to tighten bolts and nuts to a precisely defined torque in order to connect components securely and function properly without damaging them. The torque meter / torque tester is supplied in a plastic case with 2 AAA batteries.

Specification

Torque

Measurement range up to 0,001 ... 10 Nm

Resolution 0,001 Nm

Accuracy clockwise: $\pm 2\%$ FS, anti-clockwise: $\pm 2.5\%$ FS

Torque

Measurement range up to 0,001 ... 7,38 lbf ft

Resolution 0,001 lbf ft

Accuracy clockwise: $\pm 2\%$ FS, anti-clockwise: $\pm 2.5\%$ FS

Torque

Measurement range up to 0,01 ... 88,5 lbf-in

Resolution 0,01 lbf-in

Accuracy clockwise: $\pm 2\%$ FS, anti-clockwise: $\pm 2.5\%$ FS

Torque

Measurement range up to 0,01 ... 102 kgfcm

Resolution 0,01 kgfcm

Accuracy clockwise: $\pm 2\%$ FS, anti-clockwise: $\pm 2.5\%$ FS

General technical data

Measuring functions peak, Real-time value, Default value

Units Nm, kgfcm, lbfft, lbf in

Connections 1/4 inch

Storage medium Internal memory

Storage capacity 999 Values

Automatic power-off 3 min

Alarm Acoustic, optical

Alarm settings 0.3 ... 10 Nm

Protection class (device) IP52

Power supply 2x AAA batteries

(Rechargeable) battery 2 x 1,5 V AAA battery , Alkali-manganese

Capacity 1200 mAh

Operating conditions -10 ... 60 °C , 10 ... 90 % RH

Storage conditions -20 ... 70 °C , 10 ... 90 % RH

Dimensions (L x W x H) 235 x 48 x 38 mm

Weight 385 g