TORQUE METER / TORQUE TESTER

PCE-TWT 30N

- **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 ... 30 Nm
Resolution	0,001 Nm
Accuracy	clockwise: ±2% FS, anti-clockwise: ±2.5% FS
Torque	
Measurement range up to	0,001 ... 22,14 lbf ft
Resolution	0,001 lbf ft
Accuracy	clockwise: ±2% FS, anti-clockwise: ±2.5% FS
Torque	
Measurement range up to	0,01 ... 265,5 lbf-in
Resolution	0,01 lbf-in
Accuracy	clockwise: ±2% FS, anti-clockwise: ±2.5% FS
Torque	
Measurement range up to	0,01 ... 306 kgfcm
Resolution	0,01 kgfcm
Accuracy	clockwise: ±2% FS, anti-clockwise: ±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	0.9 ... 30 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