

TORQUE TESTER

PCE-TWT 50



- » **For testing and presetting torque wrenches**
- » **Continuous measurement or peak value**
- » **Units: Nm, kgf cm and lbf in**
- » **RS232 interface**
- » **99 memory locations**
- » **Software**

The torque tester is a high-precision testing device for calibrating and checking the function of torque spanners in industrial and technical applications. Developed for professional use, the tester enables the reliable measurement of torques of up to 50 Nm / 37 ft-lb and is therefore ideal for use in the automotive industry, mechanical engineering and research and development.

With the option of switching between real-time and peak value mode, the torque tester offers flexible handling and maximum control when analyzing measurement results. The limit value function warns on the display if defined values are exceeded or not reached, which increases safety and quality assurance in the work process with the torque tester.

The measurement results are displayed in various units such as Nm, kgf cm or lbf in and can be saved internally. Up to 99 measured values can be stored in the device and called up as required. With a measuring accuracy of $\pm 1\%$, the torque tester guarantees reliable results even in demanding applications.

Different model variants of the torque tester cover a wide range of torque ranges and offer a robust design and user-friendly operating interfaces. This makes the torque tester the ideal solution for precise and efficient testing processes in a professional environment.

Specification

Torque	
Measurement range up to	0,001 ... 50 Nm
Resolution	0,001 Nm
Accuracy	±1 % of Rd

General technical data	
Measuring functions	peak, MAX, MIN, AVG
Units	Nm, kgf cm, lbf in
Display type	LCD
Display size	3,3 Inch
Storage medium	Internal memory
Storage capacity	99 Values
Interface	RS232
Automatic power-off from...to	0 ... 9999 min.
Automatic power-off can be deactivated	Yes
Menu language	English (GB), English
Protection class (device)	IP40
Power supply	100 ... 240V AC / 12V DC
Connector type	Euro plug
Operating conditions	5 ... 35 °C , 15 ... 80 % RH
Storage conditions	-10 ... 60 °C , 15 ... 80 % RH
Dimensions (L x W x H)	370 x 250 x 160 mm
Weight	11 kg