



Torque Meter PCE-TM 80



Digital Torque Meter PCE-TM 80

meter to determine the "torque moment" up to 147 Ncm / PC interface and software (optional) / Peak-Hold function / external torque sensor / selection of diverse units / selection of resolution

The Digital Torque Meter PCE-TM 80 with external sensor to measure the static or startup torque moment in screws, components, switches, transmission shafts, etc. The Digital Torque Meter PCE-TM 80 is an affordable solution to easily perform static torque measurements. The Digital Torque Meter PCE-TM 80 operates by rotatory movements to the left and right and it is ideal for the torque moment. The Digital Torque Meter PCE-TM 80 offers the option to enlarge the 1 digit resolution. The Digital Torque Meter PCE-TM 80 shows the Peak value as well as the max. and min. values. Use of the optional software allows real-time data can be continuously transferred to a PC or portable computer. The Digital Torque Meter PCE-TM 80 is very robust to ensure both long duration and reliability.

**Note the chuck does not rotate, the force is static or "startup" force

- ▶ Range 0 ... 147 Ncm
- ▶ Selection of 3 units (Ncm, kgfcm, lbf·in)
- ▶ Digital output RS-232
- ▶ External rotational torque sensor
- ▶ Optional software
- ▶ Selection of the resolution - Automatic shut-off
- ▶ Peak-Hold function
- ▶ ISO Calibration certificate (optional)

Subject to change

Specifications

Technical specifications

Measurement range	147.1 Ncm / 13.02 lbfin / 15 kgfcm
Resolution	0.1 Ncm / 0.01 lbfin / 0.01 kgfcm
- High resolution	1 Ncm / 0.1 lbfin / 0.1 kgfcm
- Low resolution	
Accuracy	±1.5 % + 5 digits
Peak-hold function	Yes
Additional functions	Data-hold / max. and min. / peak-hold
Units	Ncm, lbfin, kgfcm (Default is kgfcm)
Overload protection	Max. 150 %
Output	RS-232
Software	Optional
Display	LCD
Operating temperature	0 ... +50 °C, below 80 % RH
Power supply	9 V battery
Weight	Approx. 225 g
- Main unit	Approx. 665 g
- External sensor	
Dimensions	180 x 72 x 32 mm
- Main unit	Ø 48 x 160 mm
- External sensor	

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