

# Roughness Tester PCE-RT 2200



**PCE-RT 2200 Roughness Tester**  
**For the measurement of surface texture or surface roughness**

Meet ISO, ANSI, DIN and JIS standards with PCE-RT 2200, a portable surface roughness tester with an easy-to-read LCD display, large internal memory and convenient USB port. Ideal for taking quick and accurate measurements of surface texture roughness, the PCE-RT 2200 roughness tester uses a digital signal processing (DSP) chip for high-speed data processing and control with low-power consumption.

- ▶ Select from 14 measured parameters
- ▶ Choose from 4 different filters: RC, PC-RC, Gauss, D-P
- ▶ Display measurements in  $\mu\text{m}$  or  $\mu\text{inch}$  (adjustable)
- ▶ Store up to 100 data sets on the internal memory
- ▶ Download data to PC for further analysis and long-term storage
- ▶ Meet ISO, ANSI, DIN and JIS standards
- ▶ Mount to a test stand for added stability
- ▶ Enjoy more than 20 hours of battery life with the 3.7 V rechargeable Li-ion battery
- ▶ See accessories for ISO calibration, test stand and sensor probe options
- ▶ Free software for data transfer downloadable from the PCE website

# Specifications

Measured parameters	Ra, Rz, Rq, Rx, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr
Measuring range	Ra: 0.005 ... 16 µm Rz: 0.02 ... 160 µm
Sampling length/cutoff wavelength $l_r$ = $\lambda_c$	0.25 / 0.8 / 2.5 mm
Total scanning distance	1 ... 5 mm
Standards	ANSIB46.1/ASMEB46.1 (DIN EN ISO 4287)
Stylus	Touch diamond with 5 µm tip radius
Filters	RC, PCRC, Gauss, ISO13565
Display	LCD 128 x 64 Dot matrix
Interface	USB
Internal memory	Stores up to 100 data sets
Power supply	Rechargeable Li-Ion battery
Dimensions	141 x 55 x 40 mm / 5.55 x 2.17 x 1.57 in
Weight	400 g / 0.88 lbs

# More information

Manual



Software Manual



More product info



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