# 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 μm or μinch (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 lr = λc | 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**

**Similar products**

Subject to change

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