



# Hardness Test Instrument PCE-900



## PCE-900 Hardness test instrument for metals

### Measurement of tensile strength/ 9 materials pre-calibrated / Conversion into 6 different hardness scales/ Type D impact probe

The Leeb Hardness Test Instrument PCE-900 measures the hardness of nine different metals using the Leeb rebound method. This means that with the hardness test instrument a firing pin bounces on a metallic surface and the intensity of the rebound is used as an indicator of the material hardness. The hardness test instrument PCE-900 measures the metal hardness in 6 different hardness scales, including: Rockwell, Vickers, Leeb, Brinell and Shore. A distinction is made between Rockwell B and C when measuring in the Rockwell scale.

The Leeb hardness test instrument PCE-900 comes with a type D impact probe as standard. This probe can be used for many measurements. Via the optional software, the measured values can be transmitted live to the PC. This makes the PCE-900 Leeb hardness test instrument an important instrument in the field of material inspection in goods control.

- ▶ Hardness test by the rebound method
- ▶ 9 material presets
- ▶ Easy to handle
- ▶ Data interface
- ▶ Six different hardness scales

Subject to change

# Specifications

Measuring range	200 ... 900 HL
Measuring accuracy	± 0.8% at HLD=900
Materials	9 common material presets Leeb: HL Rockwell C: HRC
Hardness scales	Rockwell B: HRB Brinell: HB Vickers: HV Shore: HSD
Display	12.5 mm / 0.5" LCD with backlight
Impact probe	Type D
Memory	50 data sets
Interface	RS-232
Power supply	4 x 1.5V AAA batteries
Environmental conditions	Operating temperature: -10 ... 50°C / 14 ... 122°F Storage temperature: -30 ... 60°C / -22 ... 140°F Relative humidity: < 90%
Dimensions	142 x 77 x 40 mm / 5.59 x 3.03 x 1.58 in
Weight	Device weight: ca. 130 g / < 1 lb Probe weight: 75 g / < 1 lb
Cable length	ca. 1.2 m / 3.9 ft

Subject to change