

Data Sheet Hardness Tester

PCE-900

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Areas of application

The PCE-900 is a portable Leeb rebound hardness tester used to measure the hardness of metal.

1 Delivery content

- 1 x PCE-900 hardness meter
- 1 x sensor with type D impact body
- 1 x test block
- 1 x support ring
- 1 x cleaning brush
- 1 x carrying case
- 1 x user manual
- 1 x ISO calibration certificate

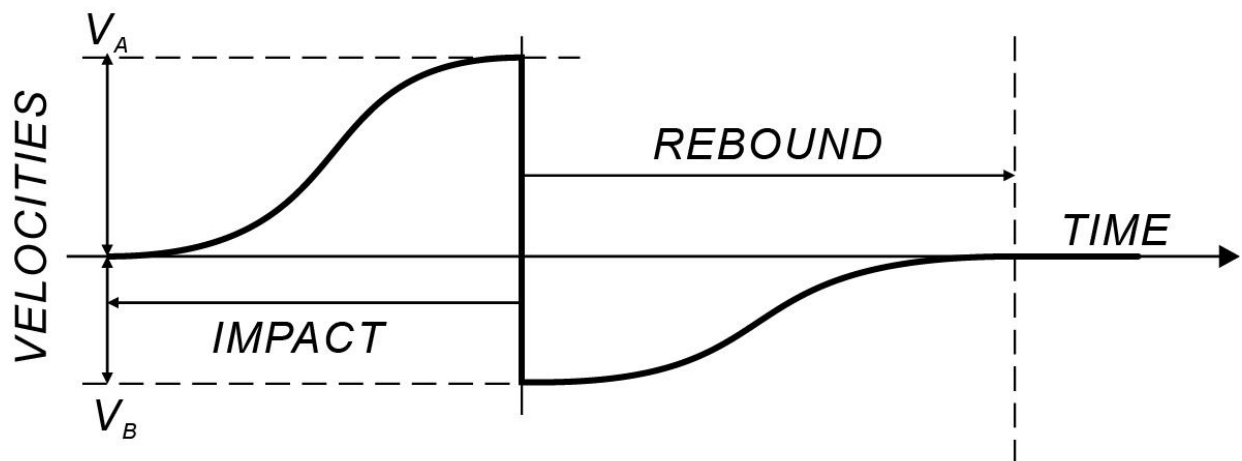
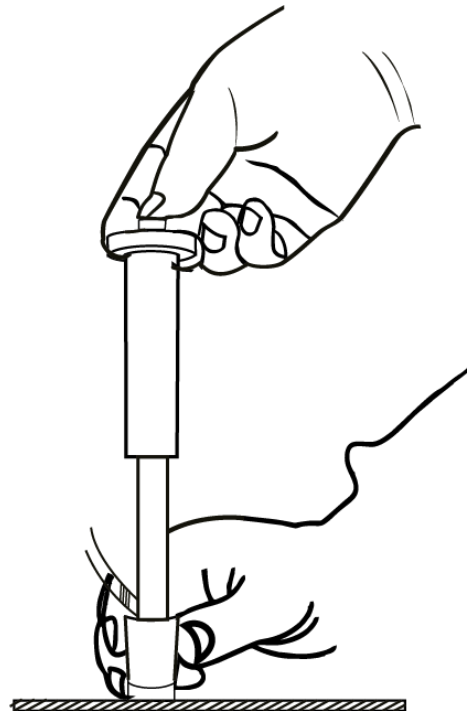
2 System description

- Displays measurements in Leeb (HLD), Rockwell C (HRC), Rockwell B (HLB), Brinell (HB), Vickers (HV) or Shore (HSD) hardness units
- Offers an accuracy of $\pm 0.8\%$ @ HLD = 900
- Includes a sensor with type D impact body
- Connects to PC via RS232 serial port
- Comes with ISO calibration certificate

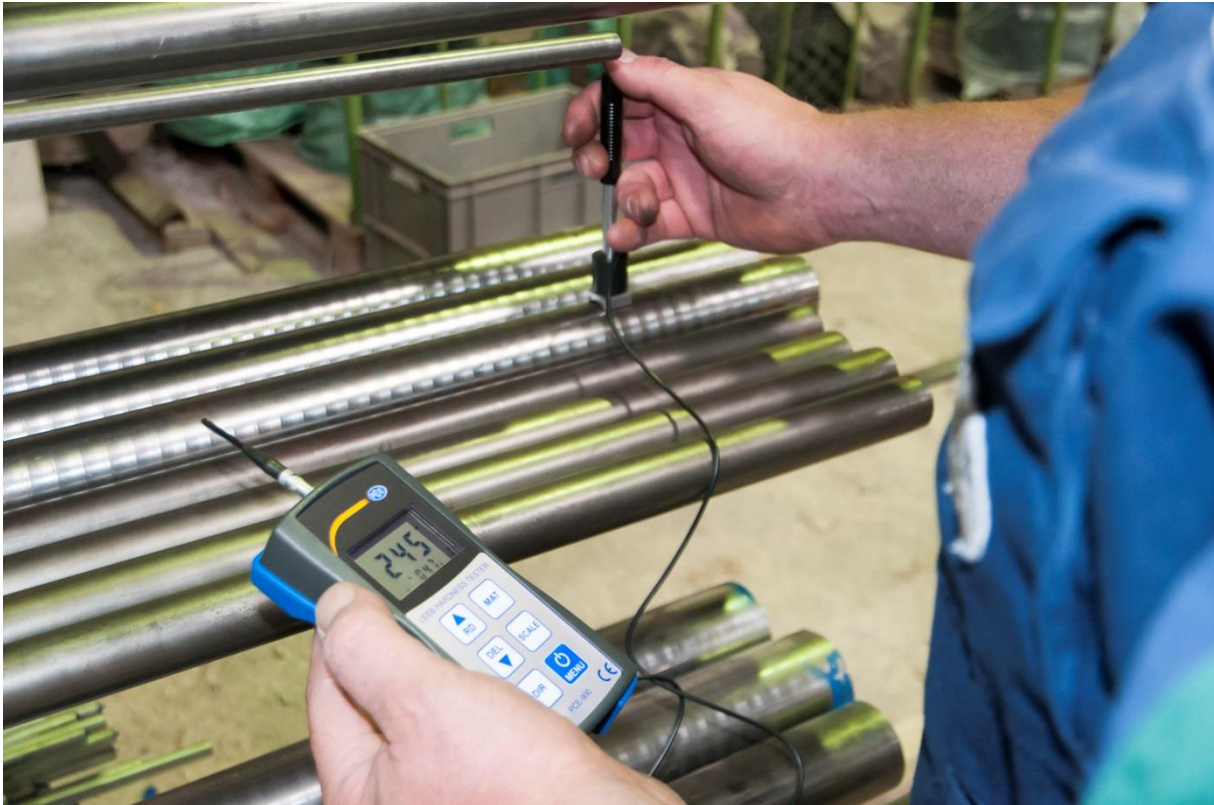
3 Technical specifications of the PCE-900

Measuring range	200 ... 900 HLD
Accuracy	± 0.8 % @ HLD = 900
Materials	9 different material presets
Hardness units	Leeb: HLD Rockwell C: HRC Rockwell B: HLB Brinell: HB Vickers: HV Shore: HSD
Display	12.5 mm / 0.5" LCD with backlight
Impact body	Type D
Approx. cable length	1.2 m / 4'
Memory	50 readings
Interface	RS232 serial port
Power supply	4 x 1.5 V AAA batteries
Environmental conditions	Operation: -10 ... +50 °C / +14 ... +122 °F Storing: -30 ... +60 °C / -22 ... +140 °F Humidity: <90 % RH
Approx. dimensions	147 x 77 x 40 mm / 5.79 x 3.03 x 1.58"
Approx. weight	Sensor: 75 g / 0.17 lb Device: 130 g / 0.29 lb

4 Technical drawings



5 In-use pictures



6 Order code PCE-900

Hardness tester

PCE-900

PC software for the PCE-900

PCE-900-SW

Calibration certificate for PCE-900

CAL-PCE-900

Convex adaptor 10 ... 15 mm (outside) for PCE-900

Z10-15

Convex adaptor 25 ... 50 mm (outside) for PCE-900

Z25-50

Concave adaptor 11 ... 13 mm (top, bowl inside) for PCE-900

HK11-13

Concave adaptor 12.5 ... 17 mm (top, bowl inside) for PCE-900

HK12.5-17

Concave adaptor 16.5 ... 30 mm (top, bowl inside) for PCE-900

HK16.5-30

Concave adaptor 11 ... 13 mm (top) for PCE-900

HZ11-13

Concave adaptor 12.5 ... 17 mm (inside) for PCE-900

HZ12.5-17

Concave adaptor 16.5 ... 30 mm (inside) for PCE-900

HZ16.5-30

Example:

PCE-900

PCE-900-SW

HZ11-13

- *Hardness tester PCE-900*
- *PC software for PCE-900*
- *Concave adaptor 11 ... 13 mm (top) for PCE-900*