



Hardness Tester PCE-2550



Description

Hardness tester PCE-2550

**Portable metal hardness tester with integrated impact mechanism / For metallic materials /
Data download via USB / Measurement memory of up to 360000 points**

Due to its compact design, the PCE-2550 metal hardness tester is very easy to use for incoming and outgoing inspection. Due to the adjustable hardness scales, the metal hardness tester PCE-2550 is versatile. The measuring range of the metal hardness tester PCE-2550 is sufficiently large for very soft, as well as for extremely hard surfaces.

The measured values can be stored in the PCE-2550 and later read out and processed via the available software. Up to 350 data groups can be stored in the metal hardness tester. The OLED display can also be read well in dark environments.

- **Determines all common hardness parameters**
- **High precision**
- **Measurement possible in any position**
- **Refined charge-trigger mechanism**
- **Internal measured value memory**
- **Immediate display on a large OLED display**

Specification

Measuring ranges	170 ... 960 HLD
Measuring direction	360°
Striker	Type D
Measurement units	HL, HB, HRB, HRC, HRA, HV, HS
Selectable materials	10
Calibration	On enclosed hardness test block
Minimum weight of the workpiece	2 kg (on stable support / 50 g with coupling gel)
Minimum thickness of the workpiece	5 mm with coupling paste
Display	OLED display
Internal measured value memory	350 data groups
Alarm	Maximum or minimum value
Automobile. Power Off	Yes
Power supply	2 x CR2016 button cells
Interface	USB
Ambient temperature	0 ... 40°C / 32 ...104°F
Dimension	145.5 x 32 x 26 mm
Weight	160 g / < 1 lb

Material

Scale	Rockwell, Brinell, Vickers, Shore
Measuring range	HRC: 17.9 ... 68.5 HRB: 59.6 ... 99.6 HRA: 59.1 ... 85.8 HB: 127 ... 651 HV: 83 ... 976 HS: 32.2 ... 99.5

Material

Scale	Rockwell, Vickers
Measuring range	HRC: 20.4 ... 67.1 HV: 80 ... 898

Material

Scale	Rockwell, Brinell, Vickers
Measuring range	HRB: 46.5 ... 101.7 HB: 85 ... 655 HV: 85 ... 802

Material

Scale
Measuring range

Cast iron

Rockwell, Brinell, Vickers
HRC: ---
HB: 93 ... 334
HV: ---

Material

Scale
Measuring range

Nodular iron

Rockwell, Brinell, Vickers
HRC: ---
HB: 131 ... 387
HV: ---

Material

Scale
Measuring range

Alum.gusslegierung

Rockwell, Brinell
HRB: 23.8 ... 84.6
HB: 19 ... 164

Material

Scale
Measuring range

Brass

Rockwell, Brinell
HRB: 13.5 ... 95.3
HB: 40 ... 173

Material

Scale
Measuring range

Bronze

Brinell
HB: 60 ... 290

Material

Scale
Measuring range

Machined copper alloy

Brinell
HB: 45 ... 315

Material

Scale
Measuring range

Machined steel alloy

Brinell
HB: 143 ... 650

Delivery scope

- 1 x Hardness tester PCE-2550
- 1 x USB connection cable
- 1 x Hardness test block
- 1 x Cleaning brush
- 1 x Support ring with Ø14 mm
- 1 x Transport case
- 1 x User manual