

# Hardness Tester PCE-2550



## 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

# Specifications

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

# More information

Software Manual



More product info



Similar products



Subject to change

**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

Subject to change

