

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: --- |

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

