

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





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Specifications

Measuring ranges	170 960 HLD
Measuring direction	360°
Striker	Туре 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

More information



Display	OLED d
Internal measured value memory	350 dat
Alarm	Maximu
Automobile. Power Off	Yes
Power supply	2 x CR2
Interface	USB
Ambient temperature	0 40°
Dimension	145.5 x
Weight	160 g /

Mate	rial
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Scale Measuring range OLED display 350 data groups Maximum or minimum value Yes 2 x CR2016 button cells USB 0 ... 40°C / 32 ...104°F 145.5 x 32 x 26 mm 160 g / < 1 lb

Steel and cast steel Rockwell, Brinell, Vickers, Shore 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	Tool steel
Scale	Rockwell, Vickers
Measuring range	HRC: 20.4 67.1
	HV: 80 898

Material	Stainless steel
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

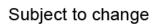
HV: ---

Subject to change



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Material	Nodular iron
Scale	Rockwell, Brinell, Vickers
Measuring range	HRC:
	HB: 131 387
	HV:
Material	Alum.gusslegierung
Scale	Rockwell, Brinell
Measuring range	HRB: 23.8 84.6
	HB: 19 164
Material	Brass
Scale	Rockwell, Brinell
Measuring range	HRB: 13.5 95.3
	HB: 40 173
Material	Bronze
Scale	Brinell
Measuring range	HB: 60 290
Material	Machined copper alloy
Scale	Brinell
Measuring range	HB: 45 315
Material	Machined steel alloy
Scale	Brinell
Measuring range	HB: 143 650





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