

METAL HARDNESS TESTING DUROMETER

PCE-2600N



- » **Limit alarm**
- » **Suitable for measurement in bores**
- » **Surface measurement on many metals**
- » **Internal memory for measurements**
- » **Bright OLED**
- » **Handheld measuring instrument**

The durometer is used wherever a fast hardness test has to be carried out. It is possible with the durometer to determine the surface hardness of many metals. The durometer is particularly suitable for quality or material inspection. The measured values can be stored in the internal memory and recalled later. Please note that the measured values can only be read from the durometer on the display and it does not offer any readout.

One-hand operation of the durometer allows for convenient use in different locations. Due to its construction, the durometer also offers the possibility to determine the surface hardness in bores or other depressions. The small design of the durometer contributes to the functionality as does the light OLED. The OLED from the durometer shows many functions so that the user directly recognizes which parameters are measured, which measuring direction is selected, and which hardness has been measured.

Specification

Hardness	
Measuring range	170 ... 960 HLD
Resolution	1 HLD
Accuracy	±0.5%
Hardness	
Measuring range	17,9 ... 69,5 HRC
Resolution	0,1 HRC
Accuracy	±0.5%
Hardness	
Measuring range	19 ... 683 HB
Resolution	1 HB
Accuracy	±0.5%
Hardness	
Measuring range	80 ... 1042 HV
Resolution	1 HV
Accuracy	±0.5%
Hardness	
Measuring range	30,6 ... 102,6 HS
Resolution	0,1 HS
Accuracy	±0.5%
Hardness	
Measuring range	59,1 ... 88 HRA
Resolution	0,1 HRA
Accuracy	±0.5%
Hardness	
Measuring range	3,5 ... 101,7 HRB
Resolution	0,1 HRB
Accuracy	±0.5%

General technical data	
Measuring functions	MIN, MAX, Average value
Measuring principle	Rebound method
Display type	OLED
Display size	0,6 Inch
Display resolution	128 x 64
Storage medium	Internal memory
Storage capacity	600 Values
Memory capacity (additional information)	6 files
Interface	Micro-USB
Materials	Steel, Cast steel, alloyed tool steel, Stainless steel, Grey cast iron, Cast aluminium alloy, Brass, Bronze, Tin bronze
Operating time	10 h
Repeatability	0,8 %
Impact device	Type DL
Hardness scales	HLD, HRC, HB, HV, HS, HRA, HRB
Test specimen	Tungsten carbide, hardness-1600 HV, ø 3 mm
Menu language	English, Chinese, English (GB)
Protection class (device)	IP52
Power supply	5 V DC
Connector type	Device-europlug
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	240 mAh
Operating conditions	-10 ... 50 °C , 0 ... 90 % RH
Storage conditions	-30 ... 60 °C , 0 ... 90 % RH
Dimensions (L x W x H)	205 x 32 x 25 mm
Weight	650 g