



Barcol Hardness Tester PCE-1000N



PCE-1000N Barcol Hardness Tester

Barcol impressor hardness meter with backlit LCD, power-saving automatic shutdown, maximum and average functions

PCE-1000N is a portable handheld Barcol hardness tester used to measure the hardness of pure aluminum, soft aluminum, thick aluminum alloy and aluminum sheets, strips, rods, castings and forgings. The hardness of fiber-reinforced (FRP) plastics, glass-reinforced (GRP) plastics, hard plastics and soft metals (such as copper or lead) also can be tested using this battery-powered digital Barcol impressor hardness meter. The digital meter offers a wide measuring range, high accuracy and direct display of the measured values on the built-in backlit LCD. In addition to Barcol (HBA) hardness units, the meter displays hardness measurements in Brinell (HB), Vickers (HV), Webster (HW) and Rockwell (HRB / HRE / HRF / HRH) hardness units. Adding to the meter's versatility is its sleek design, allowing for quick and easy one-handed operation.

- ▶ Direct display of measured value
- ▶ High accuracy
- ▶ Maximum and average value functions
- ▶ Easy-to-read backlit LCD screen
- ▶ Power-saving automatic shutdown
- ▶ Wide measuring range
- ▶ One-handed operation

Subject to change

Specifications

Measurement parameters	Barcol (HBA) Brinell (HB) Vickers (HV) Webster (HW) Rockwell (HRB / HRE / HRF / HRH)
Measuring range	0 ... 100 HBA / 25 ... 150 HB
Resolution	0.1 HBA
Accuracy	81 .. 88 HBA: ± 1 HBA 42 ... 48 HBA: ± 2 HBA
Repeatability	81 .. 88 HBA: ± 1.5 HBA 42 ... 48 HBA: ± 2.5 HBA
Operating conditions	0 ... 50°C / 32 ... 122°F < 80 % relative humidity (RH)
Power supply	2 x 1.5V AAA batteries
Dimensions	170 x 63 x 82 mm / 6.6 x 2.4 x 3.2 in
Weight	390 g / < 1 lb (without batteries)

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