



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

PORTABLE BARCOL HARDNESS TESTER (IMPRESSOR)

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BBP-100

**DESCRIPTION:**

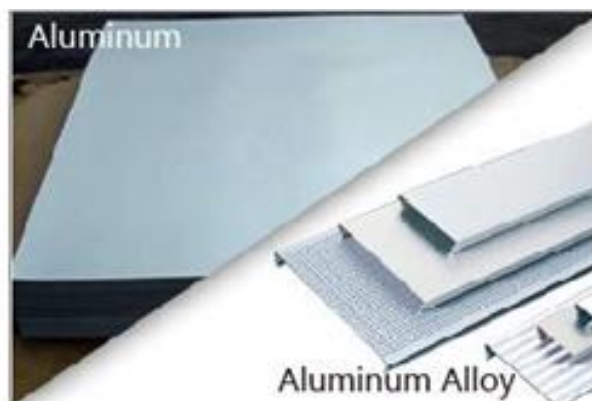
BBP-100 is a kind of portable hardness tester, it is the typical model which is in widest application mainly used for rapid hardness test for aluminum and aluminum alloy, as well as fiberglass reinforced plastic. Barcol hardness tester has the simple operation by just single hand and wide measuring range, no experience to be needed. It can be applied to all the aluminum and aluminum alloy, only need to contact one side to finish the test.

THE TYPICAL BARCOL HARDNESS VALUES OF COMMON ALUMINUM ALLOY MATERIALS:

Aluminum Alloy	1100-0	3003-0	3003-H14	2024-0	5052-0	5062-H14	6061-T6	2024-T3
Barcol Hardness Value	35	42	56	60	62	75	80	85

FEATURES:

- **Easy to use:** Single hand operation, easy to use, high efficiency.
- **High Sensitivity:** Barcol Hardness Tester has 100 scales. Sensitivity is higher than that of Webster Hardness Testers.
- **Hardness Blocks:** Every piece of Barcol hardness block is directly imported from the United States. It can ensure the veracity, stability, and uniformity of the measurement results.
- **Wide Testing Range:** It can test from pure aluminum to super hard aluminum alloy.



- **Screw Rod:** With sophisticated screw machinery structure Ensure the life and reliability of the instruments are much higher than that of other Barcol Hardness Testers are made of plastic gears by other companies.

**TECHNICAL SPECIFICATION:**

Model No.	BBP-100
Test Range	0-100HBa
Effective Range	35-90 HBa (equivalent to 25-150 HBW)
Resolution	0.5 HBa
Indication Error	2-52 HBa \pm 2 HBa; 84-88 HBa \pm 1 HBa
Repeatability Error	2-52 HBa \pm 2 HBa; 84-88 HBa \pm 1 HBa
Sample Thickness Requirements	>0.8 mm
Weight	0.5 kg

STANDARD ACCESSORIES:

Item Name	Q'ty	Item Name	Q'ty
Tester Main Body	1	Calibration Wrench	1
Indenter	2	Leg	1
Barcol Hardness Block	2	Carrying Box	1

* Due to continuous product development, Image & specification can be upgrade.