



BARCOL HARDNESS TESTER 934-1

STANDARD

ASTM B648-00

The Barcol Hardness Tester 934-1 is a convenient tool for testing the hardness of aluminum, aluminum alloys, as well as fiberglass reinforced plastic.

Barcol hardness tester has simple operation. The specimen is placed under the indenter of the tester and a uniform pressure is applied to the specimen until the dial indication reaches a maximum. The depth of the penetration is converted into absolute Barcol numbers.





FEATURES

- **Easy to use:** No experience required, single hand operation, easy to use. It can be used in any position and in any space that will allow for the operator's hand. The hardness reading is immediately indicated on the dial, which is divided into one hundred graduations.
- **High Sensitivity:** Barcol Hardness Tester has 100 scales. Sensitivity is higher than that of Webster Hardness Testers.
- **Wide testing range:** It can test from pure aluminum to super hard aluminum alloy.
- **Indenter:** The material hardness of indenter and dimensional tolerance are conform to 2013 verification regulation and enterprise internal standard. Strict quality inspection one by one making sure the accuracy of Barcol hardness tester. Long life and good inter convertibility.
- **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
- **Die cast casing:** Strong and good grip





TECHNICAL SPECIFICATION

Name	Barcol Hardness Tester
Test Range	0-100 HBa
Effective Range	35-90 HBa(equivalent to 25-135 HBW)
Resolution	0.5 HBa
Indicator Error	42-48 HBa \pm 2HBa
	81-88 HBa \pm 1HBa
Repeatability Error	42-48 HBa \pm 2.5 HBa
	81-88 HBa \pm 1.5 HBa
Sample thickness Requirements	>0.8 mm
Weight	0.5 kg

STANDARD PACKAGE



Tester



2 Spare Indenters



43-48 HBa

Barcol Hardness Block



87-89 HBa

Barcol Hardness Block



Calibration Wrench



Leg



Carrying Case