

**BARCOL INBC-01**



BARCOL INBC-01  
Portable hardness tester



## Features

Portable indentation hardness tester.

Used to test the hardness of all kinds of aluminum, from very soft aluminum to very hard aluminum alloys.

Single hand operation; no real operating experience required; can test any flat surface.

Wide testing range equivalent to Brinell hardness 25-150HBW.

Extended application. Model INBC-01 is applied to test the hardness of aluminum, aluminum alloys, copper, copper alloys, fiber reinforced plastics and rigid plastics etc.

High sensitivity.

Featured with 100 segments scale, much more sensitive than Webster hardness testers applied in aluminum alloys industry.

No need to move or support the workpiece. Used to test super large and thick workpieces and assembly parts.

Meets or exceeds ASTM B648-2000.

Easy conversion.

The test results can be converted to HB, HR, HV and HW through a conversion table supplied with the instrument.

## Technical specifications

Indentor	26°panhead cone, Head face diameter 0.176mm
Testing range	0-100HBa equivalent to 25-150HBW
Resolution	0.5HBa
Indication error	Hardness range 42-52HBa $\pm 2$ HBa Hardness range 84-88HBa $\pm 1$ HBa
Repeatability error	Hardness range 42-52HBa $\pm 2$ HBa Hardness range 84-88HBa $\pm 1$ HBa
Weight	0.5kg

## Standard delivery

- Instrument
- Spare indentors (2 pcs)
- High value standard hardness plate
- Low value standard hardness plate
- Calibration wrench
- Supporting foot
- Carrying case

## Optional accessories

- Spare indentors
- Hardness test plates



## Order details

**INBC-01**

Barcol impressor

Represented by:

IN12-193 121214

## CORPORATE HEAD OFFICE

### **INNOVATEST Europe BV** **MANUFACTURING, DISTRIBUTION & SERVICE**

Borgharenweg 140  
6222 AA Maastricht (The Netherlands)  
Phone: +31 43 3520060  
Fax: +31 43 3631168  
E-mail: [info@innovatest-europe.com](mailto:info@innovatest-europe.com)  
Website: [www.innovatest-europe.com](http://www.innovatest-europe.com)

---

## BRANCHE OFFICES

### **INNOVATEST Benelux BVBA** **SALES & SERVICE**

Phone: +32 12 779002  
Fax: +32 12 779003  
E-mail: [info@innovatest-benelux.com](mailto:info@innovatest-benelux.com)  
Website: [www.innovatest-europe.com](http://www.innovatest-europe.com)

### **INNOVATEST Shanghai Co., Ltd.** **ASIA & CHINA SALES & SERVICE**

Building 2, No.123, 1165 Nong Jindu Road,  
South Metropolis Industrial Park  
Minhang District, Shanghai, P.R. China  
Zip code: 201108  
E-mail: [info@innovatest-shanghai.com](mailto:info@innovatest-shanghai.com)  
Website: [www.innovatest-shanghai.com](http://www.innovatest-shanghai.com)

Changes in products and/or product specifications can emerge due to new technologies and continuous development.

We reserve the right to change or modify specifications of products without prior notice.

We recommend you to contact our sales office for up-to-date information.

© All rights reserved