

PosiTector® **BHI**

Barcol Hardness Impressor

Measures the hardness of soft metals,
reinforced plastics, and other materials



Available on the
App Store



Bluetooth®

DeFelsko®
The Measure of Quality

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PosiTector® **BHI**

Barcol Hardness Impressor

All Gages Feature...

Simple

- Easy-to-read digital display
- Comparable to 934-1 Barcol Hardness Tester
- User-adjustable measurement time with onscreen countdown
- Includes spare, field replaceable indenter with replacement tool
- Lightweight, portable device can be used in any orientation
- RESET feature instantly restores factory settings

Durable

- Solvent, acid, oil, water and dust resistant — weatherproof
- Shock-absorbing, protective rubber holster with belt clip
- Hard-shell carrying case included
- Two year warranty on gage body AND probe

Accurate

- Long Form Certificate of Calibration included
- Hi-RES mode increases displayed resolution for use on applications that require greater precision
- Includes hard and soft aluminum alloy test disks with leveling plate to verify gage operation
- Conforms to national and international standards including ASTM

Versatile

- PosiTector body accepts all PosiTector BHI, SHD, 6000, 200, DPM, IRT, RTR, SPG, SST, and UTG probes easily converting from a hardness tester to a coating thickness gage, dew point meter, infrared thermometer, surface profile gage, soluble salt tester, or ultrasonic wall thickness gage
- 1 and 2 point calibration options with *Cal Reset* to restore factory settings
- Selectable display languages
- High contrast LCD with backlit display
- Flip display enables right-side-up viewing
- Uses alkaline or rechargeable batteries (built-in charger)

Powerful

- Continually displays/updates average, standard deviation, min/max hardness and number of readings while measuring
- Screen Capture — save screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- USB port for fast, simple connection to a PC and to supply continuous power
- PosiSoft USB Drive — stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Software updates via the internet keep your gage current
- Includes PosiSoft suite of software for viewing and reporting data

Accessories

- **Test Disks** (pack of 5) for verifying the operation of Barcol hardness impressors. Choose from hard or soft aluminum alloys
- **Replacement Indentors** includes additional indentors (2) with replacement tool
- **Replacement Glass Plate** for zeroing worn or replaced indentors



Standard Models

Includes ALL features as shown on left plus...

- Storage of 250 readings per probe—stored readings can be viewed or downloaded

Advanced Models

Includes ALL features as shown on left plus...

- Storage of 100,000 readings from multiple probes in up to 1,000 batches and sub-batches
- Auto Sub-Batch—automatically create new sub-batches after the desired number of readings are taken
- Live graphing of measurement data
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- **Bluetooth® 4.0 Technology** for data transfer to a mobile device running the PosiTector App or optional portable printer. **BLE API** available for integration into third-party software.
- Batch/Reading annotation—add notes and change batch names with onscreen QWERTY keyboard
- Store thickness, profile, environmental, salt contamination, hardness and wall thickness measurements in individual batches

PosiTector BHI Specifications

Typical Applications	Soft metals such as aluminum, aluminum alloys, copper, brass, and other materials such as harder plastics, and fiber-reinforced plastic
Range	20 – 100 Barcol
Resolution	0.1 Barcol
Accuracy	± 2 Barcol

ALL GAGES COME COMPLETE with test disks (2), glass plate, protective rubber holster with belt clip, wrist strap, 3 AAA batteries, instructions, hard shell case, protective lens shield, Long Form Certificate of Calibration, USB cable, PosiSoft Software, two year warranty.

GAGE BODY

Size: 137 x 61 x 28 mm
(5.4" x 2.4" x 1.1")
Weight: 140 g (4.9 oz.)
without batteries

PROBE

Size: 145 x 97 x 64 mm
(5.7" x 3.8" x 2.5")
Headroom: 140 mm (5.5")
Weight: 400 g (14.1 oz.)



Ordering Guide

Standard gage body and probe	BHI1
Advanced gage body and probe	BHI3
Probe only	PRBBHI

Conforms to ASTM B648/D2583, DIN EN 59 and AS/NZS 3572.22