

PosiTector® **BHI**

Barcol Hardness Impressor

BHI

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



Available on the App Store



Bluetooth®

DeFelsko®
The Measure of Quality

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

For a complete comparison of the Standard and Advanced features visit www.defelsko.com/bhi

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), leveling plate, replacement indenter with replacement tool, 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

DeFelsko®
Inspection Instruments

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