

# PosiTector® *BHI*

Barcol Hardness Impressor

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



Available on the  
App Store



Bluetooth

# 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 Resetto 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](http://www.defelsko.com/bhi)

#### PosiTector BHI Specifications

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

#### ALL GAGES COME COMPLETE with

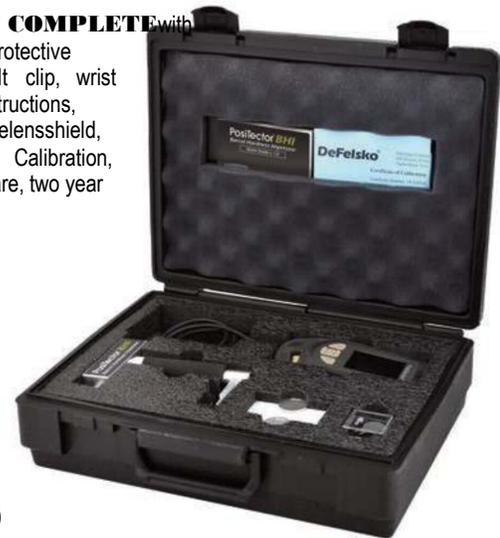
test disks (2), glass plate, protective rubber holster with belt clip, wrist strap, 3AAA batteries, instructions, hard shell case, protective lens shield, Long Form Certificate of Calibration, USB cable, PosiSoft Software, two year warranty.

#### 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

<b>Standard gage body and probe</b>	BHI1
<b>Advanced gage body and probe</b>	BHI3
<b>Probe only</b>	PRBBHI

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

