

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

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 on-screen countdown
- Includes spare, field replaceable indenter with replacement tool
- **NEW** Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- **NEW** On-gage help explains menu items at the touch of a button
- RESET feature instantly restores factory settings

Durable

- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- **NEW** Ergonomic design with durable rubberized grip
- Shock-absorbing protective rubber holster for added impact resistance
- Hard-shell carrying case included

Accurate

- Certificate of Calibration showing traceability to NIST or PTB included
- Hi-RES mode increases displayed resolution for precision applications
- 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
- **NEW** Auto rotating display with Flip Lock

Powerful

- Continually displays/updates average, standard deviation, min/max and number of readings while measuring
- **NEW** Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- **NEW** Instant-on feature quickly powers up the gage if recently powered down
- **NEW** Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Every stored measurement is date and time stamped
- 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...

- **NEW** Storage of 1,000 readings per probe—stored readings can be viewed or downloaded

Advanced Models

Includes ALL features as shown on left plus...

- **NEW** Storage of 250,000 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
- **NEW** Touchscreen keyboard for quickly renaming batches, adding notes, and more
- 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.
- 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,

GAGE BODY

*Size: 127 x 66 x 25.4 mm (5" x 2.6" x 1")

*Weight: 137 g (4.9 oz.) without batteries

*Size and weight are for the PosiTector gage body only and do not include the probe.

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