

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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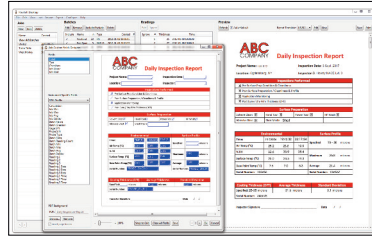
PosiSoft® Suite of Software

Four FREE and unique ways to view and report your PosiTector and PosiTest data

PosiSoft Desktop — PC/Mac

Powerful desktop software for downloading, viewing, printing and archiving measurement data. No internet connection required.

- Import readings directly from the gage via USB or from legacy PosiSoft desktop versions
- Synchronize measurement data including readings, notes and pictures to and from PosiSoft.net
- Import/Export Templates and Jobs to share with other users
- Import PDF forms and overlay **Custom Fields** for automatic population of inspection and measurement data
- Report preview automatically refreshes as changes are made



Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000 gages (*Advanced models only*).

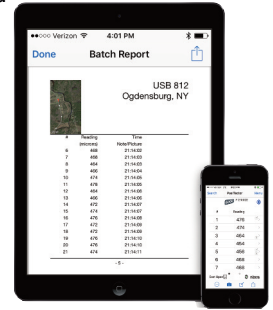
- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required
- Create and store multiple templates for different jobs



PosiTector App — Mobile

Mobile app connects PosiTector Advanced instruments, the PosiTector SmartLink and the PosiTest AT-A to your *iOS* or *Android* smart device.

- Auto pairing Bluetooth BLE connection
- Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more
- Export readings to PosiSoft Desktop or synchronize readings to and from PosiSoft.net for further reporting and archival options

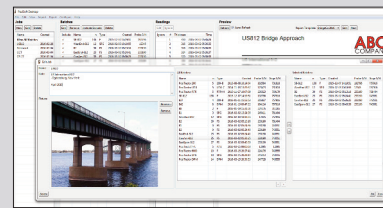
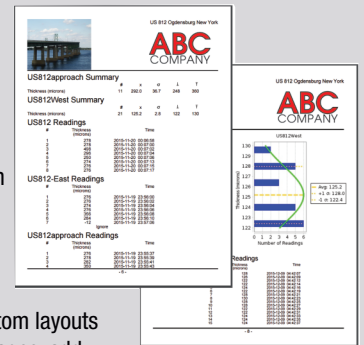


PosiSoft Custom PDF Report Generator

Easily create reports from your measurement data in seconds.

featured on
PosiSoft Desktop
PosiSoft.net
PosiTector App

- Include inspection information such as on-site pictures, screen captures, notes and more to communicate important details
- Create and save multiple custom layouts as templates – insert cover pages, add logos/images, and select font and point size
- Select the information to include for each product type – charts, histograms, readings, time stamps and more
- Compile multi-batch reports from one or more probes and instrument types
- Export readings as comma separated value (.CSV) files which can easily be imported into Excel and other supporting applications

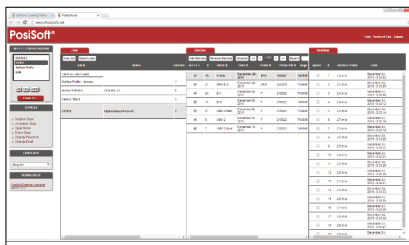


Jobs feature consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports (not available on PosiTector App)

PosiSoft.net — Web-based

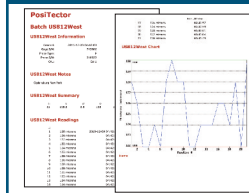
A web-based application offering secure centralized management of readings. Access your data from any web-connected device.

- Synchronize data when connected via USB or WiFi
- Synchronize measurement data including readings, notes and pictures with PosiSoft Desktop and PosiTector App
- Securely store measurement data in the cloud and share with authorized users via a secure login



Jobs Batches Readings

PosiSoft USB Drive — Gage Based



A simple gage interface to retrieve data in a manner similar to USB flash drives, cameras, or digital audio players. No software to install or internet connection required.

- View and print readings and graphs using universal PC/Mac web browsers and file explorers
- Measurement data can be printed quickly from a formatted HTML report or exported in .CSV format for further analysis in spreadsheets
- Simple file management - Copy and paste measurement data from the PosiTector to a local folder on your computer, network folder or cloud drive
- Access stored screen captures (snapshots) of the PosiTector display



PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols.

PosiTector Developer Resources

including Bluetooth 4.0, WiFi, USB Keyboard, and USB Serial

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