PosiTector® *BHI*

Barcol Hardness Impressor

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

IP65

PosiTector®

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61

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Barcol

BHI

PosiTector® *BHI* Barcol Hardness Impressor

Android | Available on the App Store | WiFi | 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 indentor with replacement tool
- *NEW* Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- *NEW* On-screen 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
- Two year warranty on gage body AND probe

Accurate
- Certificate of Calibration 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

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 indentor 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: 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

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

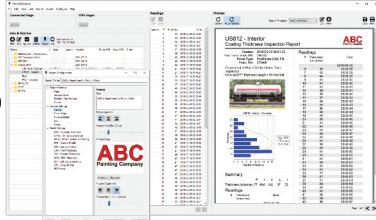Conforms to ASTM B648/D2583, DIN EN 59 and AS/NZS 3572.22

PosiSoft® Suite of Software

Powerful ways to view and report your PosiTector and PosiTest data
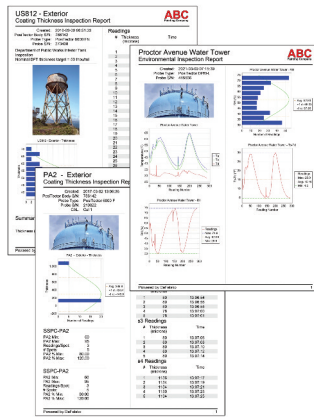
PosiSoft Desktop — PC/Mac

Powerful desktop software for downloading, archiving, and reporting measurement data.

- Import readings directly from the gage via USB, WiFi, or legacy PosiSoft Desktop versions
- **Jobs feature** consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports
- Fully integrates with PosiSoft.net— backup and synchronize jobs, batches, readings, and report templates to the cloud (see inset at right)
- Export readings as .csv (comma separated value) files for easy import into Excel and other spreadsheets

Professional, Custom Reports

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more with an onscreen live preview
- Instantly create professional reports from pre-formatted report templates
- Design custom layouts and templates—add custom cover pages and logos, and choose to display charts, histograms, and/or individual readings
- Drag-and-drop Custom Fields mode—import PDF forms and overlay fields to automatically populate inspection data
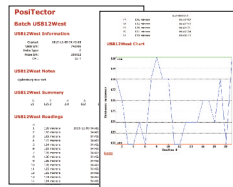
Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000, 200, and UTG gages (*Advanced models only*).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required

PosiSoft USB Drive — Gage based

A simple gage interface to retrieve data in a manner similar to USB flash drives or cameras. No software to install or internet connection required. Measurement data can be printed quickly from a formatted HTML report or exported in .csv format for further analysis in spreadsheets.

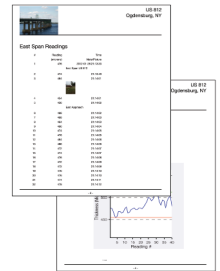### PosiTector App — iOS/Android

Fully-featured mobile app that connects to the PosiTector SmartLink, PosiTector Advanced gages, and the PosiTest AT-A.

- Auto pairing Bluetooth BLE connection
- Add images and notes to individual readings or batches directly from your device
- Email readings as .csv (comma separated value) files for easy import to Excel and other spreadsheets.
- Synchronize readings with PosiSoft.net— backup and synchronize jobs, batches, and readings to the cloud (see inset below)

Mobile Reporting Solution

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more
- Email pre-formatted or custom reports from your device instantly
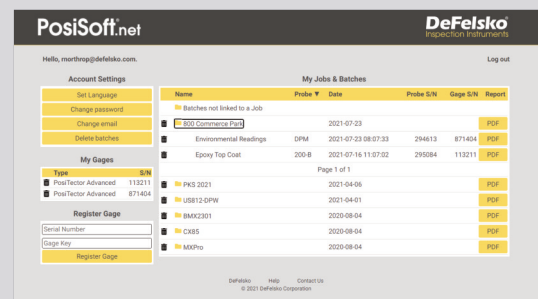
PosiSoft.net

Secure storage of measurement data in the cloud.

compatible with **PosiSoft Desktop and PosiTector App**

- Upload measurement data directly from WiFi-connected PosiTector Advanced gages from anywhere in the world—no software required
- Synchronize and share measurement data across multiple computers

  Ideal for…
  - Users with multiple computers, instruments, and office locations
  - Inspection companies managing data from multiple inspectors
- Login from PosiSoft Desktop to synchronize all measurement data and stored report templates from your account

PosiSoft.net Web Viewer Review measurement data and print simple, pre-formatted PDF reports from any web browser—no software installation required.

PosiTector Developer Resources

- Bluetooth 4.0
- WiFi
- Keyboard Mode
- USB Serial

PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols including: Bluetooth 4.0, WiFi, Keyboard mode, and USB serial.

DeFelsko®
Inspection Instruments

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