

## Analog Barcol Hardness Tester

ASTM D-2583, NFPA1932

The Barcol is a simple, portable hardness tester that is used by industrial and commercial customers. The Barcol models have been a standard in the industry for testing of raw material or field testing of final products, such as fiberglass panels, plastic extrusions, aluminum profiles, and related materials. Compliant with the National Fire Protection Association, NFPA1932, the Barcol Impressor is a proven device for field testing of fire ladders after being exposed to high temperatures

- Aluminum
- Aluminum Alloys
- Soft Metals
- Plastics
- Fiberglass
- Fire Department Ladders
- Composite Materials
- Rubber or Leather

**Introduction:**

**Portable:** The Barcol hardness tester is a convenient tool for testing the hardness of aluminum, aluminum alloys, copper, brass and other materials including plastics and fiberglass. The instrument is designed for use on fabricated parts and assemblies as well as on raw stock.

**Easy to use:** No experience required; can be used in any position and in any space that will allow for the operator's hand. The hardness reading is instantly indicated on the dial, which is divided into one hundred graduations. No waiting, pre-loading or separate measurements.

**Light weight:** The Barcol impressor GYZJ models weigh only 1 lb. 2 oz. and comes complete with carrying case, adjusting wrench and two spare indenter points, 2 lb. 8oz.

There are Six Barcol Hardness Tester Models Available:

**GYZJ 934-1** for soft metals such as aluminum and its alloys, brass, copper, and some of the harder plastics and fiberglass. Approximate range 25 to 150 Brinell (10 mm ball 500 kg load). This unit meets American Society for Testing and Materials (ASTM) Standard D-2583

**GYZJ 934-1-0-1** a variation of the 934-1 that has a "flat bottom" shaped support leg. This is used to sit on top of the crest the round rung of a ladder such as a fire department ladder.

**GYZJ 935** for the softer plastics and very soft metals.

**GYZJ 936** for extremely soft materials such as lead, linoleum and leather.

**HPE-II Digital Barcol Hardness Tester** for higher accuracy with digital readout and RS232 interface for data transfer to PC/printer. Optionally the HPE-II Barcol can be used with a test stand as a bench top instrument

**HHP-2001B Digital Barcol Hardness Tester**, with increased memory capacity, separate probe, statistics features in the electronic unit, and RS232 interface. Optionally available are the Test Stand for bench-top use as well as HardTest software for further data management, graphs and analysis.

**Description**

Barcol Impressor Hardness Tester – Standard

Standard model for Aluminum and the harder plastics

Barcol Impressor Hardness Tester - Special

Special model for field testing of fire ladders after being exposed to high temperatures

Barcol Impressor Hardness Tester - Special

Reduced Indenter force for softer materials

Barcol Impressor Hardness Tester - Special

Special Model designed for very soft materials such as Linolium or Lead

PARTS & ACCESSORIES for GYZJ Barcol Testers:

Test Disk for the GYZJ-934-1, reads 87/89 - GYZJ-934-1, reads 43-48 - GYZJ-935, reads 87-89 - GYZJ-936, reads 48-50

Certified test disk (quantity of 5) – (XXX= GYZJ model) and Replacement Indenter for the GYZJ-934-1, GYZJ-935 and GYZJ-936



HPE II Digital Barcol

