

## Portable Barcol Hardness Tester VBH-2

• Aluminum Alloys • Soft Metals • Plastics • Fiberglass • FRP



### **Scope:**

The Barcol Hardness Tester is a convenient tool for testing the hardness of aluminum, aluminum alloys, copper, brass and other materials including plastics, fiberglass & FRP having hardness from 25 to 150 BHN (10 mm ball / 500 kg load). 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.

### **Test Procedure:**

The specimen is placed under the indenter of the Barcol hardness tester and a uniform pressure is applied to the specimen until the dial indication reaches a maximum. The depth of the penetration is converted into absolute Barcol numbers.

### **Specimen size:**

For accurate readings, material should be at least 1 /16" thick and large enough for a minimum distance of 1/8" in any direction from the indenter point to the edge of the specimen. The testing area should be smooth and free from mechanical damage.

### **Can be used in accordance with:**

ASTM B 648  
ASTM D 2583  
BS – 2782  
NF P 38 – 501



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