



## MAGNETIC DIGITAL, BRINELL & ROCKWELL HARDNESS TESTER

### FEATURES: -

Barcol Impressor is a kind of indentation hardness tester. It uses a special shape indenter impressed into the specimen by a standard string pressure and measures the indentation depth to obtain hardness value. It is the typical model which is in widest application. Barcol Impressor is mainly applied in two areas: One is Aluminum fabrication industry, to test pure Aluminum, soft Aluminum alloys, thick Aluminum alloys, Aluminum belts, and Aluminum alloys extrusions, bars, castings, forgings and assembled Aluminum alloys parts (e.g. al-alloy door & window, curtain wall etc.) Relevant standard is American standard ASTM B648-00 (Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor); the other is Fiber Reinforced Plastics industry, most domestic and abroad Fiber Reinforced Plastics products are required to test Barcol hardness. Relevant Standard is American standard ASTM D2583-07 (Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor).



**BBI-934**

### SPECIFICATIONS: -

- Testing Range: 0 - 100 HBa (equivalent to 25 - 145 HBW)
- Resolution: 0.5 HBa
- Indication Error:  $\pm 2$  HBa (42 ~ 48 HBa)  $\pm 1$  HBa (81 ~ 88 HBa)
- Repeatability Error:  $\pm 2$  HBa (42 ~ 48 HBa)  $\pm 1$  HBa (81 ~ 88 HBa)
- Net Weight: 0.5 kg

### STANDARD ASSEMBLY: -

- 2 Spare indenters
- Standard hardness block (high)
- Standard hardness block (low)
- Calibration wrench
- Leg
- Carrying case

### ➤ VALUE

### ➤ VERSATILITY

### ➤ PERFORMANCE

### OPTIONAL ACCESSORIES: -

- Spare indenters
- Standard hardness block (high / low)
- Dial glass
- Flat leg