



1. General Specifications

SPARTNA SPR - 981 Barcol Impressor portable hardness tester is a type of Indentation Hardness tester. It test quickly, easy operation and almost nondestructive, used to test the hardness of the Aluminum and Aluminum alloys, confirms to the American Standard ASTM B648.

2. Features

1. Small size and light weight, easy to carry.
2. Simple operation, single hand operation is okay.
3. Large measuring range, the testing range equivalent to the Brinell harness 25~150 HB. High.
4. Sensitivity and with 100 scales.
5. Test the material on one side of the workpiece, without the moving or supporting the workpiece, so it could used to measure the extra large and extra thick workpiece and the assemble parts.
6. Accessories: 2 x Calibration block, 1 x Calibration wrench, 1 x Spare penetrator, Charger and User manual.

3. Applications

Barcol Impressor mainly used to test the Aluminum and Aluminum hardness, also suitable for the other Soft metal and FRP products. It could measure the extra large, extra wide and extra thick workpiece and assembly parts, to measure the boards, belt materials, section materials, forgings & castings, etc. Widely used model in the Aluminum industry is Webster hardness tester, it is suitable for most of Aluminum alloy. But for the super hard aluminum alloy, need to use the Webster hardness tester or the Barcol Impressor, such as the 2024, 7075, etc. For the pure aluminum, low hard aluminum alloy, extra thick aluminum alloy, and other material not suitable for the Webster hardness tester, should use the Barcol hardness tester. The Barcol Impressor usually as the supplement of the Webster harness tester.

4. Technical Specifications

Measuring Range	0~100HBa
Effective Range	25~135 HBW
Resolution	0.1HBa
Indication Error	42~52 HBa ±2.0 HBa 84~88 HBa ±1.0 HBa
Repeatability Error	42~52 HBa ±2.5 HBa 84~88 HBa ±1.5 HBa
Weight	0.5kg