

Barcol

Impressor



salesitokin@gmail.com



www.itokin2000.com



02-9744354-6

ITK-934-1

Barcol Impressor



Features

- A portable indentation hardness tester.
- Single hand operation, no operating experience required, can test any workpiece which is reachable in any site. Wide valid testing range equivalent to Brinell hardness 25-150HBW. Used to test the hardness of all kinds of Aluminum, from very soft Aluminum to very hard Aluminum alloys.
- Extended application. Model 934-1 is applied to test the hardness of Aluminum, Aluminum alloys, Copper, Copper alloys, Fiber Reinforced Plastics and rigid plastics etc. The improved model of it is available to test very soft metals such as lead and tin and other soft materials such as soft plastics, rubber, felt and leather etc.
- High sensitivity. Featured with 100 scales, much more sensitive than Webster hardness testers applied in Aluminum alloys industry. No supporting required. Can test from only one side of the workpiece. No need to move or support the workpiece. Used to test super large and thick workpieces and assembly parts.
- Easy conversion. The test results can be converted to HB, HR, HV and HW easily through conversion table.

Specifications

Indenter	26°panhead cone, head face diameter 0.176mm
Testing Range	0~100HBa, equivalently to 25-150HBW
Resolution	0.5HBa
Indication error	hardness range 42~52HBa, ±2HBa hardness range 84~88HBa ±1HBa
Repeatability error	hardness range 42~52HBa, ±2HBa hardness range 84~88HBa ±1HBa
Net weight	0.5kg



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02-9744354-6

HM-934-1

Barcol Impressor



Features

- A digital indentation hardness tester, is the latest design and development of our company.
- It is characterized in that provided with a balance positioning, a digital display of hardness value, and a non disassembly calibration and adjusting.
- It is with good stability, convenient calibration, and high accuracy of detection.
- Small in size, portable. Single hand operation, easy to use. Can be used in any occasion as long as the hand can reach.
- Wide test range, can test from very soft pure aluminum to a particularly hard aluminum alloy. effective test range equivalent to the Brinell Hardness of 25-150HB.
- No need to be supported. Just test on one side of the sample with the hardness tester, no need to be supported. It is suitable for the test of large and extra thick workpiece.
- With the maximum hold function, recording the maximum hardness value during measurements.
- Can be used for measuring Barcol Hardness, other hardness value can be calculated out by the experimental curve. Such as Brinell Hardness (HB), Vickers Hardness (HV), Webster Hardness (HW), Rockwell Hardness (HRB/HRE/HRF/HRH).
- Provide Bluetooth data output choice.

Specifications

Range	0-100 HBa, Amount to 25 - 135 HBW
Resolution	0.1 HBa
Indication Error	81 - 88 HBa +- 1HB a
	42 - 48 HBa +- 2 Hba
Repeatability Error	81 - 88 HBa +- 1.5 HBa
	42 - 48 HBa +- 2.5 HBa
Maximum Hold	Yes
Operating Condition	Temperature : 0 - 50 C
	Humidity : <80% RH
Power Supply	2 x 1.5 V AAA (UM-4) Battery
Weight	390 g (Not Including Batteries)



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HM-934-1+



Features

- A digital indentation hardness tester, is the latest design and development of our company.
- It is characterized in that provided with a balance positioning, a digital display of hardness value, and a non disassembly calibration and adjusting.
- It is with good stability, convenient calibration, and high accuracy of detection.
- Small in size, portable. Single hand operation, easy to use. Can be used in any occasion as long as the hand can reach.
- Wide test range, can test from very soft pure aluminum to a particularly hard aluminum alloy. effective test range equivalent to the Brinell Hardness of 25-150HB.
- No need to be supported. Just test on one side of the sample with the hardness tester, no need to be supported. It is suitable for the test of large and extra thick workpiece.
- With the maximum hold function, recording the maximum hardness value during measurements.
- Can be used for measuring not only Barcol Hardness, but also Brinell Hardness (HB), Vickers Hardness (HV), Webster Hardness (HW), Rockwell Hardness (HRB/HRE/HRF/HRH).
- With the function of calculating the average value, can calculate the average value of the 29 sets of data at most.
- Provide Bluetooth data output choice.

Specifications

Range	0 - 100 Hba, Amount to 25 - 135 HBW
Indication Error	81 - 88 HBa \pm 1 Hba 42 - 48 HBa \pm 2 Hba
Repeatability Error	81 - 88 Hba \pm 1.5 HBa 42 - 48 HBa \pm HBa Brinell Hardness , Vickers Hardness , Webster Hardness , Rockwell Hardness
Maxium Hold	Yes
Average Calculation	Yes
Operating Condition	Temperature : 0 -50 C Humidity : < 80% RH
Power Supply	2 x 1.5 V AAA (UM-4) Battery
Weight	390g (Not Including Batteries)



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