



BARCOL HARDNESS TESTER



Description

- Model IMS-100B is the typical model which is in widest application mainly used for rapid hardness test for aluminum and aluminum alloys.
- It is suitable to test pure aluminum, aluminum alloys, thick pieces of aluminum sheets, thick pieces, bars and assembled aluminum alloys parts (e.g. aluminum alloy doors, windows and ladders)
- According to ASTM D2583, ASTM B648-00

SPECIFICATION

Model	IMS-100B1	IMS-100B2	IMS-100B3
Testing Range	0-100 HBa (equivalent to 25~135 HBW, Model IMS-100B1)		
Resolution	0.5 HBa		
Indication Error	± 2 HBa (42 ~48 HBa) ± 1 HBa (81 ~88 HBa)		
Repeatability Error	± 2 HBa (42 ~48 HBa) ± 1 HBa (81 ~88 HBa)		
Weight	0.5 kg		
Hardness Range	25-135 HBW	68-90 HSD	52-90 HSD
Applications	Aluminum plates thick wall aluminum aluminum wheels aluminum alloy castings, etc.	Lead, tin	Rubber, wood and leather etc.
Standard delivery	Main unit IMS-100B, Spare Indenters (2pcs), Standard Hardness Block (high & low), Calibration Wrench, Carrying Case, Inspection certificate		