Digital Brinell Hardness Tester MHB-3000

Description:

•MHB-3000 is a semi-automatic and intelligent Brinell hardness testing machine, using a pressure sensor to replace the traditional method of using heavy weights, making the machine more accurate.

•MHB-3000 Selection of Test Force and Dwell time is controlled from the Front Panel. The machine is automatic during Loading, Dwell and Unloading.

•MHB-3000 uses a Digital Brinell Microscope with adjustable LED illumination. It is not necessary for the operator to take readings, it only needs the operator to aim the D1, D2 diameter of indentation and press the Microscope Key twice. The machine will compute the Brinell scale and display the final result on the LCD display automatically.

Specifications:

Product Name	Digital Brinell Hardness Tester
Model	MHB-3000
Testing Force	62.5Kgf 100Kgf 125Kgf 187.5Kgf 250Kgf 500Kgf 750Kgf 1000Kgf 1500Kgf 3000Kgf
	612.9N 980N 1226N 1839N 2452N 4900N 7355N 9800N 14700N 29400N
Testing Range	(8~650) HBW
Hardness Display	LCD Display
Magnification of Microscope	20x Mechanical Microscope
Dwell Time	(0~60)s
Max. Height Of Specimen	225mm
Instrument Throat	135mm
Power Supply	AC220V/50Hz 110V/60Hz
Dimension (LxWxH)	893 x 720 x 747mm
Gross/Net Weight	160Kg/130Kg
Execution Standard	GB/T231.2 JJG150 EN-ISO 6506

Accuracy of Brinell Hardness Testing		
Hardness Range	Max. Tolerance	Repeatability
HBW≤ 125	≤± 3.5%	≤ 3.5%
125＜HBW≤225	≤± 2.5%	≤ 3.0%
HBW＞ 225	≤± 2.0%	≤ 2.5%

Standard Packing List:

Packing List	Packing List	Packing List	Packing List	Packing List
Instrument Mainframe	Test Block HBW/750/05	Ø 5mm Ball Indenter	Ø 60mm Flat Anvil	Accessories Box
20x Digital Microscope	Ø 5/10mm Ball Indenter	Ø 2.5mm Ball Indenter	Ø 80mm V-shape Anvil	Anti-dust Cover
Hardness Block	Level Screw	Ø 200mm Flat Anvil	Power Cable/Fuse	Instrument Manual

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