

Digital Brinell Hardness Tester MHB-3000



Features:

MHB-3000 **Digital Electronic Brinell Hardness Tester** is a unified product combining optical, mechanic and electronic techniques, which is adopted the precise mechanical structure and computer control closed-circuit system. Without the weights, the instrument loads and unloads the testing force with the motor. By means of the 0.5% accuracy compression sensor to feedback the information and the CPU to control, the instrument compensates automatically the testing force lost during the testing.

Equipped with a **digital micro eyepiece** on the instrument, the length of indentation can be measured by this eyepiece directly. All testing data such as the testing method, the testing force value, the length of testing indentation, **the hardness value and the dwell time of testing force can be showed on the LCD screen**, without inputting the value of diagonal length for the indentation and free from looking up the hardness value form the hardness table as well, therefore the reading data are more accuracy and operation of this instrument is much easier.

Technical Specification

Testing Range:	(4~650)HBW
Test Force:	612.9N(62.5kg) 、 980N(100kg) 、 1226N(125kg) 、 1839N(187.5kg) 、 2452(250kg) 、 4900N(500kg) 、 7355N(750kg) 、 9800N(1000kg) 、 14700N(1500kg) 、 29400N(3000kg)
Vertical testing range	225mm
Horizontal testing range	135mm
Amplification of the Digital Micro Eyepiece:	15×(30×)
Min.Graduation Value of the Drum Wheel of the Digital Micro Eyepiece:	0.0025mm
Power Voltage:	AC220V 50/60H
Gross Weight	160kg
Net weight	130kg
Package Dimensions:	893×720×470mm

Standard Delivery:

Main Unit	1
Large testing table	1
Small testing table	1
V-shaped anvil	1
Hard Alloyed Steel Ball Indenters 2.5mm	1
Hard Alloyed Steel Ball Indenters 5mm	1
Hard Alloyed Steel Ball Indenters 10mm	1
Digital Micro Eyepiece15×	1
Standard Hardness Block HBW 3000/10 (150-250)	1
Standard Hardness Block HBW 750/5 (75-125)	1
Operation manual	1
certificate	1
Calibration report	1