



Electronic Brinell Hardness Tester DHB-3000S

Feature

DHB-3000 Electronic Brinell hardness tester adopts loading via the closed-loop sensor, electronic control systems, load and dwell automatically, with 10 levels test force, and each level force can be corrected automatically. This instrument is with the features of high accuracy, high repeatability and stability, easy operation and so on. The accuracy of the force is doubling for the 3000kg.

Touch screen interface is more direct and simple compared with the traditional electric Brinell digital tube, and can operate easily with no training.

With inner hardness value calculation, input the value of D1 and D2, and calculate the hardness automatically without checking the hardness chart after the measurement of hardness.



Technical Parameter

Instrument Model	DHB-3000S
Brinell Standard Scale	HBW2.5/62.5 HBW2.5/187.5 HBW5/62.5 HBW5/125 HBW5/250 HBW5/750 HBW10/100 HBW10/1500 HBW10/3000 HBW10/250 HBW10/500 HBW10/1000
Test Force	62.5kgf(612.9N);100kgf(980.7N);125kgf(1226N);187.5kgf(1839N); 250kgf(2452N); 500kgf(4903N);750kgf(7355N);1000kgf(8907N);1500kgf(14710N);3000kgf(29420N)
Max. Height of Work Piece	230mm
Min. Measuring Unit	0.1mm
Dwelling Time	0~60s
Hardness Measuring Range	8~650HBW
Total Magnification	20X
Implementation Standard	EN, ISO 6507, EN ISO 6506, ASTM E-384, ASTM E-10-08, ASTM E-384 GB/T231.2, JJG150
Distance from Indenter to the Outer Wall	160mm
Hardness Reading	Calculate automatically
Power Supply	AC220±5%,50~60Hz
Dimension(mm)	550*210*750mm
Host Weight	About 90kg

Accessories

Item	Quantity	Item	Quantity
Host	1 set	2.5,5,10mm diameter carbide ball indenter	One for Each
Measuring Microscope	1 set	Large and medium testing unit	One for Each
Standard Hardness Block	3 Blocks	Product Certificate & Product Manual	One for Each