

HBS-3000 Digital Brinell Hardness Tester

HBS-3000 digital brinell hardness tester is a recently developed new generation Brinell tester that is domestically advanced. It can be applied to determine the Brinell hardness for ferrous metal and non-ferrous metal. The tester adopts electronic auto loading, computer software programming, high power optical measurement, photosensor and other systems.

Usage Range:

Brinell hardness test which adopts heavy testing force and shows large indentation is apply to measure hardness value for big grain metal materials such as casting parts, nonferrous metals and alloy, various tempered steel, hardening and tempering steel, specially for soft metal such as pure aluminum, lead, tin, etc.



Technical Specifications

Brinell Scale	HBW2.5/62.5 、 HBW2.5/187.5 、 HBW5/62.5 、 HBW5/125 、 HBW5/250 、 HBW5/750 、 HBW10/100 、 HBW10/250 、 HBW10/500 、 HBW10/1000 、 HBW10/1500、 HBW10/3000
Testing Force	62.5kgf(612.9N)、 100kgf (980.7N)、 125kgf (1226N)、 187.5kgf (1839N)、 250kgf (2452N)、 500kgf (4903N)、 750kgf (7355N)、 1000kgf (9807N)、 1500kgf (14710N)、 3000kgf (29420N)
Min Measuring Unit	0.005mm
Magnification of Microscope	20X
Dutation Time	5~60 sec
Overall Dimension	550×210×750mm(L×W×H)
Net Weight	125kg
Max Height of Speciment	230mm
Max depth of speciments	135mm
Power Supply	AC220V±5% , 50~60Hz
Carried Standard	GB/T231(1.2) Chinese Standard
Standard Accessories	A set of Measuring Microscope, Diameter: 2.5, 5 and 10mm Hard Alloy Ball Indenters, 3 pcs Standard Hardness Blocks, Large Testing Table, Medium Testing Table, “V”- shaped Testing Table, Power Cable



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