

HST-HB3000CT Electronic Brinell Hardness Tester



Application:

The electronic Brinell hardness test is mainly used to determine the hardness of cast iron, steel, non-ferrous metals and soft alloys, and it can also be used to determine the hardness of some non-metallic materials such as hard plastics and Bakelite. The hardness tester removes the loading weight, adopts an electronic automatic loading system, has a ten-level test force, has a wider test range and higher accuracy. It is suitable for factories, workshops, laboratories, universities and research institutions. The test is mainly used to determine the hardness of cast iron, steel, non-ferrous metals and soft alloys. Eliminates the loading weights and adopts an electronic automatic loading system, With ten-level test force, the test range is wider and the accuracy is higher.

Technical Parameters:

Brinell hardness scale	HBW2.5/62.5 、 HBW2.5/187.5 、 HBW5/125 、 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(1839 N) 、 250kgf(2452N) 、 500kgf(4903N) 、 750kgf(7355N) 、 1000kgf(8907N)、 1500kgf(14710N)、 3000kgf(29420N)
Max. Height of sample	280mm
Min. Measurement unit	0.01mm
Dwell time	5~60s
Hardness testing range	8~650HBW
Distance from indenter center to the wall	150mm
Hardness reading	Comparison with hardness form
Voltage	AC220+5%, 50~60Hz
Dimension	532*235*930mm
Weight	123kg
Dwell time	5~60s

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