

HST-HBS3000ET Electric Load Type Digital Brinell Hardness Tester



Application:

1. It is suitable for the hardness tester test of metal materials with large grains, which can reflect the comprehensive performance of the material;
2. Cast iron, steel, non-ferrous metals, especially for softer metals, such as pure aluminum, lead, tin, etc.
3. It can be used to measure the hardness of some non-metallic materials such as hard plastics, bakelite, etc.

Technical Parameter:

Model	HST-HBS3000ET
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Test force	0.613KN(62.5kgf), 0.9807KN(100kgf), 11.226KN(125kgf), 1.839KN(187.5kgf), 2.452KN(250kgf), 4.903KN(500kgf), 7.355KN(750kgf), 9.807KN(1000kgf), 14.71KN(1500kgf), 19.42KN(3000kgf)
Measuring range	8-650HBW
Convertible ruler	HBW2.5/31.25, 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
Dia. of Hard alloy ball indenter	φ2.5mm, φ5mm, φ10mm
Minimum value of micrometer drum	0.125um
Test force dwell time	0~60s
Max. height of test piece	220mm
Depth of throat	135mm
Indenter-upper wall distance	55mm(The head to the upper wall can be increased by customizing the indenter)
Total magnification	20X
Hardness reading	Digital display touch screen LCD to read hardness value
Power	AC220V, 50Hz can be customized to 110V 50-60Hz
Implementation standard	ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2
Data output	Build-in Printer
Dimension	654*210*745mm(length x width x height)
Weight	125kg
Package size	715*431*943mm
Gross weight	144kg

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