

HST-HBT3000EZ Digital Automatic turret Brinell Hardness Tester



Application range:

Applicable to the hardness determination of materials such as cast iron, steel, non-ferrous metals and soft alloys, and the hardness determination of some non-metallic materials.

It has a wide range of applications and is suitable for the precise measurement of parallel planes. Moreover, the curved surface measurement is stable and reliable.

Technical Parameter:

Model	HST-HBT3000EZ
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	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T
Dia. of Hard alloy ball indenter	φ2.5mm, φ5mm, φ10mm
Minimum value of micrometer	1.25 μm

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Test force dwell time	0~60s
Max. height of test piece	280mm
Depth of throat	150mm (from center indenter to wall of machine)
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	With Printer
Dimension	581*269*912mm (length x width x height)
Weight	155kg
Package size	715*490*1110mm
Gross weight	164kg