

Digital Heighten Brinell Hardness Tester

7005 BHT-H

FEATURES:

- 7005-BHT-H Innovative closed-loop technology, via a closed-loop control unit with a load cell.
- 7005-BHT-H Fully automatic test cycle and loading applications, greatly improves repeatability of test results.
- 7005-BHT-H Equipped with special Brinell indentation measure system which can measure the Brinell indentation accurately, quickly, reliably.
- 7005-BHT-H The directions for 0.102F/D² ratios selecting according to the materials and hardness range can be showing on LCD.
- 7005-BHT-H Indenter, loading, dwell time and other test information are showing clearly on LCD.
- 7005-BHT-H Test load selection is controlled by keyboard and LCD screen.
- 7005-BHT-H Whole weight of test is 50% less than the traditional dead weights type tester.

SPECIFICATION:

Product Name	Digital Heighten Brinell Hardness Tester	
Model	7005 BHT -H	
Testing Force	62.5Kgf,100Kgf,125Kgf,187.5Kgf,250Kgf, 500Kgf,750Kgf,1000Kgf,1500Kgf,3000Kgf	
	612.9N, 980N, 1226N, 1839N, 2452N, 4900N, 7355N, 9800N, 14700N, 29400N	
Testing Range	(8-650) HBW	
Hardness Display	LCD Display	
Magnification of Microscope	20x Mechanic Microscope	
Max. Height of Specimen	430mm	
Instrument Throat	230mm	
Output Data	RS 232/Printer	
Auto Hardness Conversion	HR,HV,HK,etc	
Power Supply	AC220v/50Hz;AC110V/60Hz	
Dimension(LxWxH)	893x720x922mm	
Gross/Net Weight	170Kg/140Kg	
Execution Standard	ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231	
Accuracy of Brinell Hardness Testing		
Hardness Range	Max.Tolerance	Repetition
HBW 125	±3.5%	3.5%
125<HBW225	±2.5%	3.0%
HBW>225	±2.0%	2.5%



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