



Features

TIME6202 Digital Brinell hardness tester is a unified product combining the precise mechanical structure and the load cell control system. The instrument adopts the motorized test force application without weights, and uses 0.5% accuracy compression sensor to feedback and the CPU control system to automatically compensate the test force lost during the test. With external digital measuring microscope, no need for checking the table or inputting the diagonal of the indentation, it can directly show the hardness value, test force, dwell time and indentation length. As long as press the eyepiece button after measuring the indentation length, it can automatically get the hardness value and shows on the screen, with precise reading and easy operation.

Application range

Suitable for cast iron, steel products, nonferrous metals and soft alloys etc. Also suitable for some nonmetal materials such as rigid plastics and bakelite etc.

TIME®6202

DIGITAL BRINELL
HARDNESS TESTER

Standard Delivery

•Main unit	1 pc
• $\phi 2.5, \phi 5, \phi 10$ mm ball indenter	1 pc for each
•Large, small and V-shaped test table	1 pc for each
•Standard hardness block	
HBW10/3000 150~250	1 pc
HBW5/750 150~250	1 pc
•Fuse 2A	2 pcs
•Power cable	1 pc
•Inner hexagon spanner 3mm	1 pc
•20× digital measuring microscope	1 pc
•Anti-dust cover	1 pc
•Instruction manual	1 pc

Technical Specification

Test Force	612.9N(62.5kgf)	4903N(500kgf)
	980.7N(100kgf)	7355N(750kgf)
	1226N(125kgf)	9807N(1000kgf)
	1839N(187.5kgf)	14710N(1500kgf)
	2452N(250kgf)	29420N(3000kgf)
Test Range	3.18~653HBW	
Hardness Reading	LCD Display	
Microscope	20× Digital Measuring Microscope	
Minimum Division Value of Drum Wheel	0.001mm	
Dwell Time	0~60s	
Max. Height of Specimen	205mm	
Throat	135mm	
Power Supply	AC220V, 50Hz	
Execute Standard	ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2	
Dimension	545×235×755mm Packing Dimension: 650×435×1020mm	
Weight	Net Weight: 130kg Gross Weight: 160kg	