



TIME6203

Features

TIME6202/TIME6203 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. 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.

TIME6202: 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.

TIME6203: The indentation can be directly measured through the digital measuring eyepiece, and it can intuitively show the test force, indentation length, dwell time, test number, date and time on the large screen. Test results can be saved for checking or be printed out by the built-in printer, and with RS232 interface for connecting to the computer. According to the client's requirement, it can be equipped with video measuring device and CCD image automatic measuring system.

TIME® 6202/6203

DIGITAL BRINELL
HARDNESS TESTER

Standard Delivery

•Main unit	1 pc
•φ2.5,φ5,φ10mm 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

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.



TIME6202

Technical Specification

Model	TIME6202	TIME6203
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	215mm
Throat	135mm	
Power Supply	AC 220-240V, 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	