



Features

TIME6201 Electronic 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. The test force and dwell time can be directly set on the touch keyboard with reliable repeatability, precise reading and easy operation. It can be equipped with V1.0 Brinell image automatic measuring system.

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®6201

ELECTRONIC BRINELL
HARDNESS TESTER

Standard Delivery

•Main unit		1pc
•φ2.5,φ5,φ10mm steel ball indenter		1pc(each)
•Large ,small plane test table, V-shaped test table		1pc(each)
•Standard hardness test block		
HBW10/3000	(150~250)	1pc
HBW5/750	(150~250)	1pc
•Fuse 2A		2pcs
•Power cable		1pc
•Inner hexagon spanner 3mm		1pc
•20 ^x reading microscope		1pc
•Anti-dust cover		1pc
•Brinell hardness table		1pc
•Usage instruction manual		1copy

Optional Delivery



TIME V1.0 Brinell Hardness
Automatic Measurement System

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	Check Hardness Table	
Microscope	20 ^x Reading Microscope	
Minimum Division Value of Drum Wheel	5μm	
Dwell Time	0~60s	
Max. Height of Specimen	205mm	
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	