

Feature:

The SHB-3011S electronic Brinell hardness tester adopts advanced electronic sensor loading technology. Through the closed-loop control system, the CPU controls the sensor to collect signals. The stepping motor automatically loads and unloads the test force, and can automatically compensate the test force to ensure the force value accurately, and the indication is more stable. Equipped with moveable measurement table and computer software measurement system, it has high measure speed and more measurement functions, which improves the working efficiency. At the same time, it is equipped with an emergency stop device, which complies with the EU CE safety standard, has more reliable operation and safety, and has high cost performance. It is widely used in factory workshops, universities, research institutes, laboratories, etc.

Standard:

ISO 6506, ISO 6507, ASTM E10-12, ASTM E-384,
JIS Z2243, JJG150, GB/T 231.2

Application:

it is suitable for measure cast iron, steel, nonferrous metals, alloys, especially for soft metals such as pure aluminum, lead, tin, etc. also can be used to measure the hardness of some non-metallic materials such as hard plastics, bakelite and so on.

Electronic Brinell Hardness Tester**Technical Specification:**

Model	SHB-3011S	
Test force	kgf	62.5kgf, 100kgf, 125kgf, 187.5kgf, 250kgf, 500kgf, 750kgf, 1000kgf, 1500kgf, 3000kgf
	N	612.9N, 980.7N, 1226N, 1839N, 2452N, 4903N, 7355N, 9807N, 14710N, 29420N
Hardness scale	HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW5/125, HBW5/250, HBW5/750, HBW10/100, HBW10/250, HBW10/500, HBW10/1000, HBW10/1500, HBW10/3000	
Test range	8~650HBW	
Load control	Auto load/hold/unload	
Hardness reading	With computer, software, CCD.	
Data out	Software, and printer	
Magnification	20× lens	
Reading resolution	5μm	
Dwell time	0~60s	
Max. Height of Specimen	220mm	
Throat	135mm	
Power supply	AC220V, 50Hz	
Dimension Machine size	520×210×755mm, packing size: 650×435×1025mm	
Weight Net Weight:	120kg, Gross Weight: 160kg	

Standard accessories:

No.	Name	Qty
1	instrument main body	1
2	Φ2.5mm, Φ5mm, Φ10mm Ball Indenter	3
3	Software, CCD,	1
4	hardness block 150~250 HBW 10/3000	1
5	hardness block 150~250 HBW 5/750	1
6	manual 1	1

No.	Name	Qty
7	60mm small plane test table	1
8	200 large plane test table	1
9	80 v-shaped test table	1
10	fuse 2A	2
11	anti-dust cover	1
12	power cable	1