

Electric Load Brinell Hardness Tester

Model: JG-109BE



(For reference only)

Closed loop control

Digital display

External reading microscope

Equipment Usage

It's suitable to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys. It's also applicable to the hardness testing of hard plastic, bakelite and other non-metal materials. It has wide range of applications, suitable for precision measurement of planar plane, and surface measurement is stable and reliable.



Features

- Adopts automatic closed loop control technology;
- 10 test forces, 14 hardness scales;
- Strong construction, good rigidity, reliable, durable, high testing efficiency;
- External reading microscope, convenient operation; hardness value can be read direct on the screen;
- Automatic testing process, no human operating error;
- Large LCD screen displaying for parameters setup, easy operation;
- High precision reading microscope measuring system; Indentation automatic measuring system optional;
- Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10;

Technical Specifications

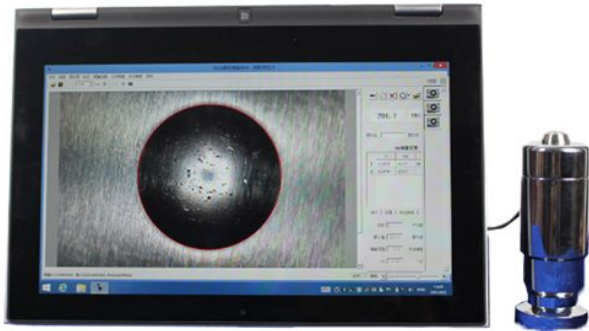
Model	JG-109BE
Measuring range	8-650HBW
Test force	612.9, 980.7, 1225.9, 1838.8, 2451.8, 4903.5, 7355.3, 9807, 14710.5, 29421N (62.5, 100, 125 187.5, 250, 500, 750, 1000, 1500, 3000Kgf)
Diameter of tungsten carbide ball	2.5, 5, 10mm
Max. height of test piece	280mm
Depth of throat	150mm
Hardness reading	Digital display
Microscope	External reading microscope
Min. value of drum wheel	5μm
Dwell time of test force	0 ~ 60S
Loading method	Automatic loading, dwell, unloading
Power supply	220V AC or 110V AC, 50 or 60Hz
Dimension	520 x 225 x 925 (mm)
Weight (approx...)	Max. 150Kg



Main Accessories

Description of Goods	Quantity
Main unit	1 Unit
Large flat anvil	1 Pc
Small flat anvil	1 Pc
V-notch anvil	1 Pc
Tungsten carbide ball penetrator	2.5, 5, 10mm (1 Pc each)
Readout microscope	1 Pc
Brinell standardized block	2 Pcs
Power cable	1 Pc
Spanner	1 Pc
User manual	1 Set

Optional Configuration



Brinell Indentation Measuring System



Reading microscope with light source

