

Sensor Loading Touch Screen multifunctional Brinell Rockwell Vickers Hardness Tester



Model: CSHBRV-250F

Features of CSHBRV-250F:

- * adopts a closed-loop loading control system with high test force accuracy,
- *With automatic loading and unloading test force, can test Brinell, Rockwell and Vickers test methods.
- **equips with a multi-functional hardness tester with 32-level measuring scales, which can meet various hardness testing requirements.
- *Xadopts a grating sensor, and the hardness indication value is directly displayed on the LCD screen, support hardness conversion.
- ☆ high test accuracy, simple operation, convenient use, stable indication.
- ※equips with built-in printer, USB disk can be used to export test reports.
- XLCD touch screen display interface, rich display content, easy to operate.

The main purpose and scope of use of CSHBRV-250F:

- 1. Determination of Brinell, Vickers, Rockwell hardness of ferrous metals, non-ferrous metals and hard alloys:
- 2. Brinell hardness of castings, annealed steel, normalized steel, non-ferrous metals and soft alloys;
- 3. Rockwell hardness of quenched, quenched and tempered materials;
- 4. Vickers hardness of nitriding layer, ceramics, thin plate, metal sheet, electroplating layer and tiny parts;

Technical Specifications:

Model	CSHBRV-250F
Brinell Scales	HB1/30, HB2.5/31.25, HB2.5/62.5, HB2.5/187.5, HB5/62.5, HB10/100, HB5/250
Rockwell scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRR, HRS, HRV, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Vickers scales	HV5, HV10, HV20, HV30, HV100
Test force	Rockwell: 15, 30, 45, 60, 100, 150Kgf
	Brinell: 30, 31.25, 62.5, 100, 187.5, 250Kgf
	Vickers: 5, 10, 20, 30, 100Kgf
Magnification	Brinell: 37.5x, Vickers: 75x
Calibration	Can use Test blocks to verify hardness Tester
Test Height	Rockwell 260mm, Vickers/Brinell 210mm
Depth Throat	165mm
Hardness Range	Rockwell 20-88HRA, 20-100HRB, 20-70HRC; Brinell: 5-650HBW; Vickers: 10-3000HV
Hardness Value	Automatically calculate
Power supply	AC220+5%,50~60Hz
Dimension	550×200×720mm
Weight	85kg