

HST-HBRV187.5DX Universal Hardness Testers Series With Touch Screen



Main features:

- Equipped Brinell, Rockwell, Vickers test methods
- Electronic and electric loading, high precision sensor, with a unique closed-loop control system
- Eyepiece structure with digital encoder, measuring D1, D2 value, LCD directly display hardness value and D1, D2 value
- Directly select the hardness scale, the force value automatically changes in the test parameters

- The test force is automatically corrected, and each force is automatically compensated. The accuracy of the force is improved by an order of magnitude
- Can be calibrated according to standard hardness block or length scale
- The test force can be automatically corrected by standard dynamometer
- The hardness values of brinell, rockwell and vickers can be converted
- Touch screen, easy to operate
- Automatic hardness conversion according to national standard /ASTM
- Set password protection setting parameters, more sample and test information
- U-disk of measurement data is saved in EXCEL format for easy editing and processing

Technical specifications:

Model	HST-HBRV187.5DX
Test force	5~187.5kgf
Brinell scale	HBW1/5 、 HBW2.5/62.5 、 HBW1/10 、 HBW2.5/15.625 、 HBW1/30 、 HBW2.5/31.25、 HBW2.5/62.5、 HBW10/100、 HBW5/125、 HBW2.5/187.5 (select 10 scales)
Hardness resolution	0.1HBW
Rockwell scale	HRA、 HRB、 HRC、 HRD、 HRE、 HRF、 HRG、 HRH、 HRK、 HRL、 HRM、 HRP、 HRR、 HRS、 HRV
Hardness resolution	0.1HR
Vickers scale	HV5、 HV10、 HV20、 HV30、 HV40、 HV50、 HV60、 HV80、 HV100、 HV120 (select 10 scales)
Hardness resolution	0.1HV
Objective	2.5X, 5X (10X, 20X optional)
Magnification of microscope	Brinell: 37.5X、 Vickers: 75X
Hardness measurement	Brinell: 8~650HBW Rockwell: 20~100HR Vickers: 8~2900HV
Data output	LCD display, U disk
Max height of specimen	Rockwell: 220mm、 Brinell Vickers: 150mm
Head - wall distance	200mm

Dimension	560*260*800mm
Weight	About 70Kg
Power	AC220V+5%, 50-60Hz