



Description:

- HBRV-187.5D is a universal hardness testing instrument for the measurement of Brinell, Rockwell and Vickers scale.
- HBRV-187.5D equip 7-testing-force and 5-indenter, it is universal to measure a most of metal material.
- HBRV-187.5D dwell time from 2 to 60S can be setup by the "time key" inside the LCD panel, it is much convenient than the setup on the manual hardness tester.
- HBRV-187.5D loading ,dwell and unloading is driven by electronic motor automatically, doesn't need the operator to handle it, it eliminates the human operating error maximum.
- HBRV-187.5D doesn't need the operator to read and check the hardness scale table, it will compute and display the testing result once press the key of digital length sensor.

Specification:

Product Name	Digital Universal Hardness Tester
Model	HBRV-187.5D
Rockwell Scales	HRA, HRB, HRC
Rockwell Testing Force	60Kgf(588.4N)、100Kgf(980.7N)、150Kgf(1471N)
Brinell Scales	HBW1/30、HBW2.5/62.5、HBW10/100、HBW2.5/187.5
Brinell Testing Force	31.25Kgf(306.5N)、62.5Kgf(612.9N、187.5Kgf(1839N)
Vickers Scales	HV 30、HV100
Vickers Testing Force	30Kgf(294.2N)、100Kgf(980.7N)
Rockwell Hardness Indication	Digital LCD display
Rockwell Resolution	0.1HR
Loading Control	Automatic
Data Output	RS 232/Printer
Magnification of Microscope	Brinell:37.5x; Vickers:75x
Dwell Time	2~60s
Max. Height Of Specimen	Rockwell:170mm; Brinell, Vickers:140mm
Instrument Throat	165mm
Dimension(LxWxH)	520x215x700mm
Packing Dimension	630x440x960mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	GB/T230.2, JJG112, EN-ISO 6508, ASTM E-18

Standard Packing List:

- Hardness Block (57-70)HRC
- Hardness Block (20-33)HRC
- Hardness Block (85-100)HRB
- Vickers Hardness Block HV 30
- HBW2.5/187.5 Hardness Block
- Ø1.588mm Ball Indenter
- Ø2.5mm Ball Indenter
- Ø5mm Brinell Ball Indenter
- Rockwell Cone Diamond Indenter
- Vickers Indenter
- Ø 150mm Flat Anvil
- Ø 55mm V-shape Anvil
- Ø 55mm Flat Anvil
- 15x Analogue Eyepiece
- Mini-Printer
- 2.5x Brinell Objective
- 5x Vickers Objective
- Power Cable
- Accessories Box
- Instrument Manual
- Level Screw

Optional Accessory:

Optional Items	Optional Items	Optional Items
Brinell Measuring Software	Brinell Indenter	Mini-printer
Computer	Hardness Blocks	Metallographic Equipments