



BANBROS ENGINEERING PVT. LTD.
The Precision Measurement

TOUCH SCREEN DIGITAL UNIVERSAL HARDNESS TESTERS



- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

BHBRV-187.5TH



FEATURES:

- Equipped Brinell, Rockwell, Vickers test methods.
- 8 inch Touch-screen interface, easy to operate.
- Close loop, with high accuracy load cell, no need install weights.
- According to GB / ASTM hardness automatic conversion.
- Rockwell automatically correct curvature radius.
- Inbuilt printer can print test data out directly.
- RS232 port can connect with PC for data communication.
- One time cast machine body, more sturdy structure.
- Car painting technology, beautiful appearance.
- Modular design for easy maintenance.

TECHNICAL SPECIFICATION:

Model No.	BHBRV-187.5TH
Brinell Scale	HBW1/5, HBW1/10, HBW1/30, HBW2.5/6.25, HBW2.5/15.625, HBW2.5/31.25, HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW5/125, HBW5/250, HBW10/100
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Vickers Scale	HV5, HV10, HV20, HV30, HV40, HV50, HV60, HV80, HV100, HV120
Test Force	Brinell: 5kgf(49N), 6.25kgf(61.25N), 10kgf(98N), 15.625kgf(153.125N), 30kgf(294N), 31.25kgf(306.25N), 62.5kgf(612.5N), 100kgf(980N), 125kgf(1225N), 187.5kgf(1837.5N) Rockwell: 60kgf(588N), 100kgf(980N), 150kgf(1471N); Initial test force:10kgf(98N); Vickers: 5kgf(49N), 10kgf(98N), 20kgf(196N), 30kgf(294N), 40kgf(392N), 50kgf(490N), 60kgf(588N), 80kgf(784N), 100kgf(980N), 120kgf(1176N)
Force Error	<0.5%
Holding Time	0-99s
Hardness Resolution	0.1HR, 0.1HBW, 0.1HV
Allowed Maximum Sample Size (Test Space)	Allowed max. Sample height in vertical: 400mm(for Rockwell); 330mm(for Vickers & Brinell test mode). Allowed max. Sample height in horizontal: 160mm
Magnification	Eyepiece: 15X, 2.5X (for Brinell), 5X & 10X (for Vickers) Total magnification: 37.5X, 75X, 150X
Hardness Read	Touchable LCD display, built-in printer and RS232 port
Power Supply	AC220V, 50-60Hz
Implementation of The Standards	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2 ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2 ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2



STANDARD ACCESSORIES:

Item Name	Q'ty	Item Name	Q'ty
15X eyepiece	1pc	Brinell indenter diameter of 2.5mm, 5mm, carbide ball	1 each
Vickers indenter	1pc	Rockwell 1.588 carbide ball indenter	1pc
Rockwell diamond indenter	1pc	Objective Lens 2.5 x, 5x, 10x	1 each
Hardness block	5pcs	Exterior lighting	1pc
Power line	1pc	Large, medium, V-test sets	1 each
Sliding test sets	1pc	Printer paper	1pc
Fuse 2A	2pcs	Adjust level screw	4pcs
Dust proof cover	1pc	Accessory box	1pc

* Due to continuous product development, Image & specification can be upgrade.