

Digital Universal Hardness Tester LHBRV-187.5DX (Touch Screen)



USB



Software



LCD



Functions & Features

- Brinell, Rockwell and Vickers three test modes
- Touch Screen; Digital, multi-function LCD display
- Electronic closed-loop system
- Automatic loading & unloading
- Conversion scales of different kinds of hardness
- With built-in printer for data output
- With RS232 interface for connecting to the computer
- Meets or exceeds GB/T230.2, ISO 6508-2, ASTM E18 and JIS Z2245 standards

Application

- Widely used in the Rockwell, Brinell, and Vickers hardness test of Ferrous and nonferrous metals
- Castings, annealed steel, normalized steel, non-ferrous metals and soft alloys (Brinell)
- Heat-treated materials (Rockwell)
- Nitriding layer, ceramic, sheet, foil, plated layer, and minute parts (Vickers)

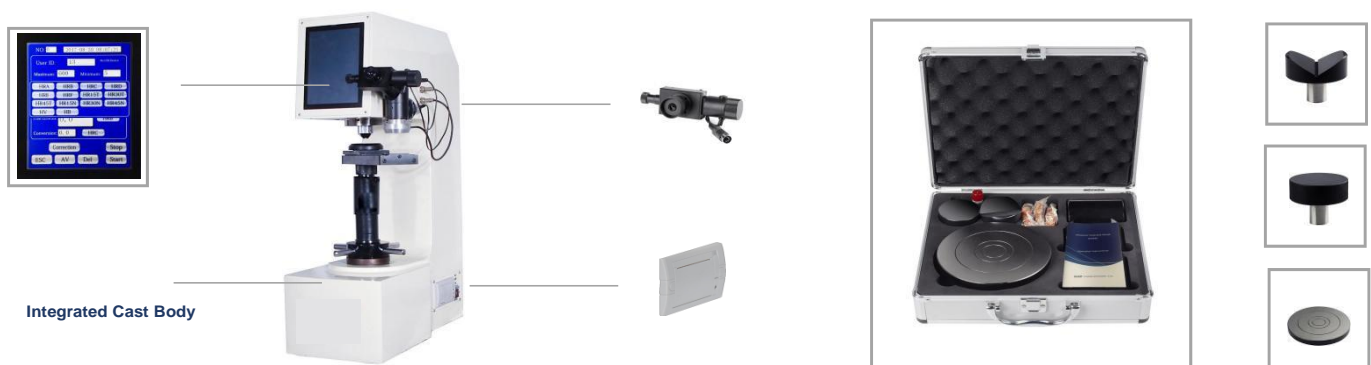
Technical Parameters

Model	LHBRV-187.5DX (Touch Screen)
Indication of Hardness Value	Large LCD screen display
Data output	Built-in Printer, RS232
Duration time	0-60s
Carried Standard	GB/T230.2、ISO6508-2、ASTME18、JIS Z2245
Testing force	Rockwell: 60kgf(588N), 100kgf(980N), 150kgf(1471N)
	Brinell: 15.625kgf (153.2N), 31.25kgf (306.5N), 62.5kgf (612.9N), 125kgf (1226N), 187.5kgf (1839N)
	Vickers: 5kgf (49.3N), 10kgf (98.7N), 20kgf (196.1N), 30kgf (294.2N), 50kgf (490.3N), 100kgf (980.7N)
Test Scale	Rockwell: HRA, HRB, HRC, HRD, HRE, HRF, HRG
	Brinell: HBW2.5/15.625, HBW2.5/31.25, HBW2.5/62.5, HBW5/125, HBW2.5/187.5
	Vickers: HV5, HV10, HV20, HV30, HV50, HV100
Hardness measuring range	Rockwell: 20-90HRA 20-100HRB 20-70HRC
	Brinell: 5-650HBW
	Vickers: 5-3000HV
Max Height of Specimen	Rockwell:180mm, Brinell:165mm, Vickers:165mm
Magnification	100X, 50X, 25X
Distance of Indenter to outer wall	160mm
Power supply	AC220V+5%, 50-60Hz
Overall Dimension (mm)	550*230*780
Net weight	About 85Kg

Standard Accessories

Name	Quantity	Name	Quantity
Diamond Rockwell Indenter	1	1.5875mm Ball Indenter	1
Diamond Vickers Indenter	1	Brinell $\phi 2.5$ 、 $\phi 5$ mm Ball Indenter	2
Rockwell Hardness block	5	Large, Medium, "V" shaped Testing Table	3
Brinell Hardness block	1	Vickers Hardness block	1
Digital Eyepiece 10x	1	Objective 2.5x, 5x, 10x	3
Microscope base (with internal headlamp)	1	Sliding Testing Bench	1
External headlamp	1	Dustproof cover	1
Paper for thermal printer	1	Screwdriver & Level vial	2
Power Cable	1	RS232 Cable	1
Operation Manual	1	Product Certificate & Warranty	2

Pictures



Integrated Cast Body

LCD Touch Screen & Digital Eyepiece & Printer

Accessory Box