

DIGITAL UNIVERSAL HARDNESS TESTER (Rockwell, Vicker, Brinell Method)

- Integrates all three methods Rockwell, Brinell and Vicker into one machine.
- Motorized force, increasing stability when loading
- Complies with ISO 6506, 6507, 6508, and ASTM E140



V anvil



Small flat anvil



Big flat anvil



Model	BRV-187A
Measure Method	Rockwell, Vicker, Brinell
Standard	ISO 6506, ISO 6507, ISO 6508, ASTM E-140, JJG150
Rockwell test force	60kgf (588N), 100kgf (980N), 150kgf (1471N)
Rockwell Scale	HRA, HRB, HRC, HRD, HRF, HRG
Rockwell Range	C scale (20-70) + B scale (0-100)
Vicker Test Force	5kgf (49.03N), 10kgf (98.07N), 20kgf (196.1N), 30 (294.2N), 50kgf (490.3N), 100kgf (980.7N)
Vicker Scale	HV5, HV10, HV20, HV30, HV50, HV100
Vicker range	5-3000HV
Brinell Test force	5kgf (49N), 10kgf (98N), 15.625kgf (153.2N), 31.25kgf (306.5N), 62.5kgf (612.9N), 100kgf (980N), 125kgf (1226N), 187.5kgf (1839N), 250 (2452N)kgf
Brinell Scale	HBW1/5, HBW1/10, HBW1/30, HBW2.5/15.625, HBW2.5/31.25, HBW2.5/62.5, HBW10/100, HBW2.5/187.5, HBW5/62.5, HBW5/125, HBW5/ 250
Brinell Range	5-650HBW
Max height workpiece for Rockwell	180mm
Max height workpiece for Vicker	165mm
Max height workpiece for Brinell	165mm
Max width of workpiece	160mm
Eyepiece	10X
Objectives	2.5X (for brinell), 5X (for Vicker)
Light Source	LED Cold light source
Output Data	LCD touch screen, RS-232, built-in printer
Loading Method	Automatic
Power supply	220V \pm 5%, 50/60 Hz (110V is available)

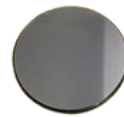
Standard delivery	Qty
Main unit	1
HRC indenter	1
HRB indenter	1
HV indenter	1
2.5mm ball Brinell indenter	1
5mm ball Brinell indenter	1
Anvil set (Small, Large, V-type)	1
Hardness block HRC 20-30	1
Hardness block HRC 60-70	1
Hardness block HRB (80-100)	1
Hardness block HBW2.5/187.5	1
Hardness block HV30	1
Plastic Dustproof cover	1
Sliding table	1
Inspection Certificate (Manufacture)	1



Brinell indenter



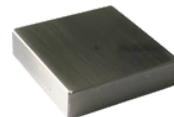
Vicker indenter



Rockwell hardness block



HRB indenter



Vicker Block



HRC indenter



Brinell block

Model Overview

- BRV-187A is digital Rockwell, Brinell and Vickers hardness tester has a novel appearance, complete functions, convenient operation, clear and intuitive display, and stable performance. It is a high-tech product integrating optics, machinery, and electronics.
- It can perform three hardness tests: Brinell, Rockwell, and Vickers. It has multi-level test force and can meet various hardness test needs.
- It has high test accuracy, simple operation, high sensitivity, easy use, and stable indication.
- It is equipped with a built-in printer, and can be connected to the computer through a terminal via an RS232 data cable to export measurement reports.

Product Features

- The body of the product is formed in one step by a casting process and has undergone a long-term aging treatment. Compared with the panelization process, the deformation is small after long-term use, and it can effectively adapt to various harsh environments.
- The car paint has a high grade of paint and strong scratch resistance. It is still as bright as new after years of use.
- It can be used immediately after turning on the machine without installing weights.
- It adopts a large-screen touch LCD display interface with rich display content and easy operation.

Options for BRV series	Code
Hardness block HVF (Customized)	IHV-BLF*
Hardness block HBW2.5/F (customized)	IHB-BL2D5*
Hardness block HBW5/F (customized)	IHB-BL5*
Hardness block HBW10/F (customized)	IHB-BL10*

*see the customized hardness block