

Digital Brinell Rockwell Vickers hardness tester with Touch Controller SHBRV-187.5



Product description:

Iqualitrol digital display Brinell Rockwell Vickers hardness tester has novel appearance, complete functions, convenient operation, clear and intuitive display and stable performance.

SHBRV-187.5 can carry three tests of Brinell, Rockwell and Vickers with 13-level test forces, meet a variety of hardness testing needs.

It has the features of high test accuracy, simple operation, high sensitivity, convenient use and stable indication.

Equipped with a built-in printer, and can connect with a computer via RS232 to export measurement reports.

Detailed Technical Parameters:

Model	SHBRV-187.5
Brinell scales	HBW2.5/15.625 HBW2.5/31.25 HBW2.5/62.5 HBW5/125 HBW2.5/187.5
Rockwell scales	HRA, HRB, HRC, HRD, HRF, HRG
Vickers scales	HV5, HV10, HV20, HV30, HV50, HV100
Test force	Rockwell test force: 60, 100, 150Kgf (588, 980, 1471N)
	Brinell test force: 15.625, 31.25, 62.5, 125, 187.5 Kgf (153.2, 306.5, 612.9, 1226, 1839N)
	Vickers test force: 5, 10, 20, 30, 50, 100 Kgf (49.03, 98.07, 196.1, 294.2, 490.3, 980.7 N)
Maximum height of specimen	Rockwell 180mm, Vickers/Brinell 165mm
Throat depth	160mm
Hardness test range	Rockwell: 20-88HRA, 20-100HRB, 20-70HRC; Brinell: 5-650HBW; Vickers: 10-3000HV
Hardness reading	Automatic calculation and display on touch controller
power supply	AC220+5%, 50~60Hz
Dimensions	550*230*780mm
Net weight	About 100kg

Instrument standard configuration:

Name	Quantity	Name	Quantity
Rockwell 1/16" steel ball indenter	1	Rockwell diamond indenter	1
Brinell 2.5mm head	1	Brinell 5mm head	1
Vickers diamond indenter	1	Standard Rockwell hardness block	5
Standard Brinell hardness block	1	Standard Vickers hardness block	1
Medium and V type test bench	1 each	Sliding test bench	1
power cable	1	Dust cover	1