

Brinell, Rockwell & Vickers Universal Hardness Tester

It serves the purpose of measuring the hardness of Rockwell, Brinell and Vickers for ferrous, non-ferrous metals, hard metal, alloy, carburized layers and chemical treating layers.



HBRV-187.5



HBRVU-187.5

Description	HBRV-187.5	HBRVU-187.5
Rockwell Scales	HRA, HRB, HRC by dial	HRA, HRB, HRC by optical reading
Brinell Scales	HBW2.5/31.5, HBW2.5/62.5, HBW5/62.5, HBW10/100, HBW2.5/187.5	
Vicker's Scales	HV30, HV100	
Preliminary test force	98N	
Rockwell test load (N)	588, 980, 1471	
Brinell test load (N)	306,613,1839	
Vickers test load (N)	294,588,980	
Magnification of Microscope	37.5X and 75X	
Loading control	Automatically	Hand
Max. height of specimens	170mm	200mm
Distance from Indenter's center to OuterWall	200mm	200mm
Duration time	2-60S automatically timer	
Machine Size (DXWXH) (mm)	520×215×700	560×260×767
Power Supply	AC220V/50HZ AC110V/60Hz	
Weight (kg)	80KG	90 KG
Standard Accessories	Diamond Rockwell indenter, Diamond Vickers indenter, $\phi 1.5875\text{mm}$ hard alloy ball indenter, $\phi 2.5\text{mm}$ $\phi 5\text{mm}$ hard alloy ball indenter, Testing table (large medium, "V"), Standard hardness block (Rockwell, Brinell, Vickers), Lamp (6V/15W), Power cord Weight (0#,1#,2#,3#,4#), 15X microscope eyepiece, 2.5X objective, 5 X objective	