

HD9-45

Motorized Superficial Rockwell & Vickers Hardness Tester



HD9-45 Motorized Superficial Rockwell & Vickers Hardness Tester with 6 steps testing force is able to meet the needs of superficial Rockwell & Vickers hardness tests. Testing force can be loaded, kept and unloaded automatically. Therefore the tester is easy to use and widely welcomed by many users. (The present instrument can be reformed specially to measure Brinell hardness value for aluminum products according to user's special requirement.)

Usage Range:

Steel, surface hardened steel, copper, aluminum alloy thin sheet, hard alloy steel, zinc layers, chrome layers, tin layers, surface heat treating and chemical treating materials, etc.

Technical Specifications

Rockwell Scales Testing Force	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T 15kgf (147.1N), 30kgf (294.2N), 45kgf(441.3N)
Vickers Scales Testing Force	HV5, HV10, HV20, HV30 5kgf (49.03N), 10kgf (98.07N), 20kgf (196.1N), 30kgf (294.2N)
Indication of Hardness Value	Superficial Rockwell:Dial Vickers:Measuring Microscope
Amplification of Microscope	75X,150X
Duration Time	1~60sec
Overall Dimension	520×240×700mm(L×W×H)
Net Weight	80kg
Max Height of Speciment	Superficial Rockwell: 170mm Vickers:140mm
Max depth of speciments	165mm
Power supply	AC220V±5%, 50~60Hz
Carried Standard	GB/T230(1.2) Chinese Standard GB/T4340(1.2) Chinese Standard
Standard Accessories	Rockwell Indenter, Vickers Indenter, Diameter 1.5875mm Hard Alloy Steel Ball Indenter, Measuring Microscope, Objective, a Set of Inside Lights, Large, Medium and V-shaped Testing Table, Slipped Testing Table, Hardness Blocks for Each Scales, Power Cable



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