

Motorized Dial Reading Superficial Rockwell Hardness Tester HRM-45DT

HRM-45DT iqualitrol Motorized Superficial Rockwell hardness tester adopts the mechanism of automatic loading and unloading, the test force is regulated by force knob. The dwell time can be set. Besides setting zero, there is no man-made error.



Features:

Hardness reading by analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution;

Dwell time from 2 to 60s can be setup by the “time key” on the panel , it is much convenient than the setup on the manual hardness tester;

Force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life;

Loading, dwell and unloading is buffering by electronic motor automatically, doesn’t need the operator to handle it , it eliminates the human operation error maximum;

Optional indenter protector is available to improve the using lifetime of indenter.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Technical Specification:

Model	HRM-45DT
Initial Test Force	3kgf(29.42N)
Total Test Force	15kgf(147.1N), 30kgf(294.2N), 45kgf(441.3N)
Indenter	Diamond Rockwell Indenter, 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Dial
Resolution	0.5HR
Dwell Time	2~60s
Max. Height of Specimen	170mm
Throat	135mm
Power Supply	AC220V,50Hz
Execute Standard	ISO 6508,ASTM E-18,JIS Z2245,GB/T 230.2
Dimension	520x215x700mm
Weight	Net Weight: 60kg,Gross Weight: 100kg

Standard delivery:

Diamond Indenter	1pc	1.588mmBall Indenter	1pc
Test Block	5pcs	Test Anvil	3pcs
Screw Driver	2pcs	Anti-dust Cover	1pc