

## Motorized Dial Reading Rockwell Hardness Tester HR-150DT

HR-150DT Motorized 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	HR-150DT
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
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	220mm
Throat	160mm
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 Rockwell Indenter	1pc	1.588mmBall Indenter	1pc
Test Block	5pcs	Test Anvil	3pcs
Screw Driver	2pcs	Anti-dust Cover	1pc