



ROCKWELL HARDNESS TESTER

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



RH-150



DESCRIPTION: -

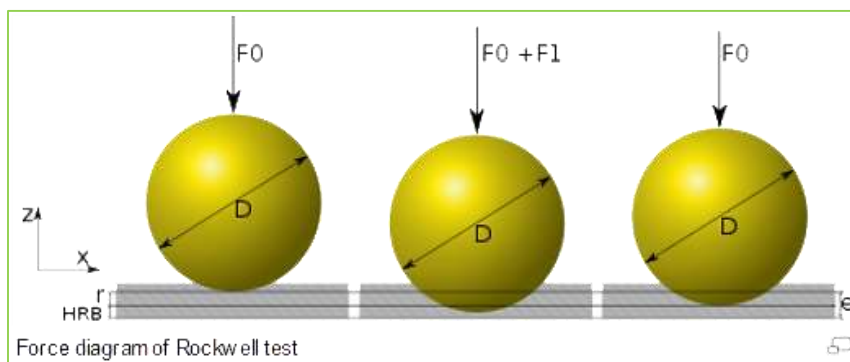
Manual Rockwell hardness tester apply to test the hardness of metal materials. It has stable and reliable performance, it is economical Rockwell machine without electric power supply

APPLICATION: -

Hardened steel, quenched and tempered steel, annealing steel, bearing steel, strip steel, hardened steel sheet, hard alloy, etc.

WORKING PRINCIPLE OF ROCKWELL HARDNESS TEST: -

The Rockwell scale is a hardness scale based on indentation hardness of a material. The Rockwell test determines the hardness by measuring the depth of penetration of an indenter under a large load compared to the penetration made by a preload. There are different scales, denoted by a single letter, that use different loads or indenters. The result is a dimensionless number noted as HRA, where A is the scale letter.



Test range:
(20~88) HRA
(20~100)

HRB

**TECHNICAL PARAMETERS : -**

Model	RH-150A
Rockwell scale	HRA, HRB, HRC, HRD,HRE,HRF,HRG,HRH, HRK, HRL, HRM, HRR
Conversion scale	Conversion table
Preliminary test force	10Kg(98N)
Total test force	60Kg (588N), 100Kg (980N), 150Kg (1471N) Tolerance range: $\pm 1.0\%$
Resolution	0.5HR
Hardness value range	HRA:20~88 HRB:20~100 HRC:20~70
Hardness data read	Dial
Loading method	Manual
Dwell time	Manual
Allowed specimen measurement space	Maximum height :155mm Maximum throat depth:135mm
Size / weight	Instrument size:455*175*610mm (L×W×H) /Net Weight: 65kg
Executive standard	GB/T230.2, ASTM E18, ISO 6508, JIG112

STANDARD ACCESSORIES: -

Item Name	Q'TY	Item Name	Q'TY
Rockwell hardness tester host	1 set	V-shape testing table	1 pc
Diamond Rockwell indenter	1 pc	1.588 mm diameter steel ball	5 pcs
1.588mm diameter hard alloy steel ball indenter	1 pc	Dust-proof cover: 1 pc,	1 pc
Standard hardness block	4 pcs	Accessory case	1 pc
Large testing table	1 pc	Operating instruction	1 pc
Medium testing table	1 pc	Quality certificate	1 pc
Hardness conversion table	1 pc	Warranty card	1 pc
Optional accessories		Block, Indenter	

* Due to continues product development, product image & Specifications are subject to change

* Customization can be done as per user requirement