

Rockwell hardness tester

Lab Series



Technology

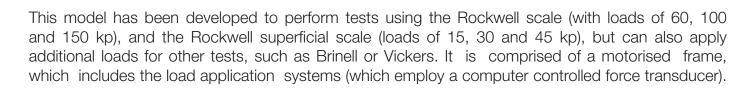












H&YTOM/

The indentation depth is measured using by a sensor with a resolution of 0.1 microns (0.0001 mm).

The Rockwell system is used to test parts made of metal, plastic, rubber, etc. The Rockwell indenter can move horizontally and vertically to test different points on large parts.



Characteristics	
Preload	3 and 10
Rockwell superficial scale loads	15, 30 and 45
Rockwell scale loads	60, 100 and 150
Brinell loads	31.25, 62.5, 125, 187.5, 250
Vickers loads	3, 5, 10, 20, 30, 60 and 100
Load application rate	Automatically adjusted
Test load selection	Via touch screen
Load cell	HBM® (international leader in this technology)
Vertical capacity	650
Space between columns	900
Dimensions (W x D x H)	1440 x 1160 x 1720

Touch screen with microprocessor (Hoytom)

Direct read-out on 15" touch screen

Statistical calculations (median, deviation, travel, etc.)

Results in database (.mdb)



Included accessories:

- 120° diamond cone Rockwell indenter.
- 1/16" hard metal ball Rockwell indenter.
- 2.5 and 5 mm diameter hard metal ball Brinell indenter.
- Hard metal balls (spare) in each of the aforementioned diameters.
- Templates for Rockwell (HRC, HRBW) UKAS.
- Support tables with horizontal support for flat pieces (Ø50 mm y Ø10 mm).
- Support tables with V-shaped support for cylindrical pieces.
- Instruction manual.







