

*Hardness Testers*  
*Rockwell CiHo+SRD*  
*Lab Series*



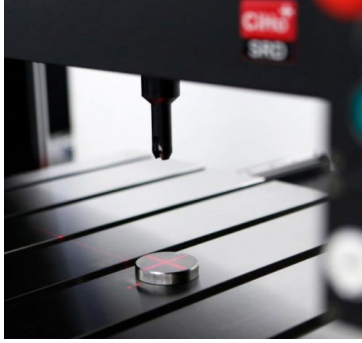
MPM is an authorized distributor of Hoytom Universal Hardness Testers. MPM provides installation, maintenance, and calibration services for all equipment sold within the USA.

This model has been developed to perform tests using the Rockwell scale (with loads of 60, 100 and 150 kgf), and the Rockwell superficial scale (loads of 15, 30 and 45 kgf), but can also apply additional loads for other tests, such as Brinell or Vickers. It is comprised of a motorized frame, where the load application systems are installed (which employ a computer controlled force transducer).

Indentation depth is measured by a sensor with a resolution of 0.1 microns (0.0000039 in).

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.



1. Touch screen with microprocessor (Hoytom)
2. Direct read-out on 15" touch screen
3. Read-out system
4. Statistical calculations (average, deviation, travel, etc.)
5. Results in database (.mdb)

### Optional Accessories:



**Brinell Camera**



**Indenters**



**Brinell Magnifier**



**Reference Block**

## Technical Characteristics

Preloads Kgf	3 and 10
Rockwell superficial scale loads Kgf	15, 30 and 45
Rockwell loads Kgf	60, 100 and 150
Brinell loads Kgf	31.25, 62.5, 125, 187.5, 250
Vickers loads Kgf	3, 5, 10, 20, 30, 60 and 100
Load application speed	Automatically adjusted
Test load selection	Via touch screen
Load cell	HBM® (international leader in this technology)
Vertical capacity in	25.6
Space between columns in	35.4
Dimensions (WxDxH) ft-in	3'9 x 3'10 x 5'8