

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 that allow it to carry out other tests such as Brinell or Vickers. It is comprised of a motorized frame, which includes the load application systems using a processor-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.



1. Hoytom® load cell
 - International leader in this technology
2. HoyWin® software
 - For material testing in multiple languages
3. Touch screen
 - 21.5"
4. Computer integrated in the machine
5. Statistical calculations (average, deviation, travel, etc.)
6. Results in .pdf reports and .csv format

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 scale 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	13.8
Space between columns in	6.3
Dimensions (WxDxH) ft-in	2'5 x 1'4 x 3'2
Weight lb	331