Wilson® Rockwell RH2150

The Wilson Rockwell RH2150 hardness tester is designed for high volume production labs and production floor Rockwell testing, as well as research facilities where many testing scales are requested. The Rockwell RH2150 is available in two different sizes, with a vertical capacity of 10 and 14 inch (254 and 356mm respectively for testing parts of different sizes). The Wilson Rockwell RH2150 is fully protected from outside influences with sheet metal cases and a loadcell protection.

The intuitive user interface makes it easy to use as well as very intuitive and showing everything that is needed. A DiaMet™ package is available to have all advanced features of DiaMet™.

- Optional auto-stop clamping device, that holds down the sample and secures it during the testing.
- The adjustable workspace illumination highlights the test location and ensures clarity and full visibility.
- Indenter extensions are optionally available in several sizes (only usable with clamping device)
- Same anvils can be used as for old Wilson RB2000 and R574 Rockwell testers (19mm pin)
- The operator panel can be adjusted on the frame or taken off completely to put aside the machine if needed – ensuring full flexibility
- USB for easy data output to memory drives
- Optional external start via footswitch, intelligent test cycle trigger options

Technical Specifications

Test Load Range	3-187.5 kgf
Test Load Type	Closed loop
Rockwell test procedures ISO 6508-1, ASTM E18	A, B, C, D, E, F, G, H, K, L, M, P, R, S, V, 15N, 30N, 45N, 15T, 30T, 45T, 15W, 30W, 45W, 15X, 30X, 45X, 15Y, 30Y, 45Y
Plastic testing Ball indentation ISO 2039-1	HB5: 49N, 132N, 358N, 961N
Plastic testing Ball indentation ISO 2039-2	HRR, HRL, HRM, HRE
Rockwell carbon testing Ball indentation DIN 51917	HR2.5: 7
	HR5: 7, 20, 40, 60, 100, 150
	HR10: 20, 40, 60, 100, 150
Brinell depth testing (non-standardized) HBW-T	HBW-T2.5: 31.25, 62.5, 187.5
	HBW-T5: 25, 62.5, 125
	HBW-T10: 100

Machine control	7" User Interface for data tracking, statistics, indirect verification, data export via USB, physical drive, start and stop buttons
Clamping device (optional)	Unique clamping device to hold samples in place before and during testing, clamping force ca. 60 kgf (130lbs)
Workspace illumination	White LED for proper indent positioning
Maximum Specimen Height	254 mm [10 in]; 356 mm [14 in]
Maximum Specimen Weight	50 kg (centered on anvil)
Depth from Center line	200 mm
Machine Dimensions (L × W × H) and Net Weight	600 mm [28 in] × 350 mm [21 in] × 1260 mm [39.2 in] (Size 1) or 1360mm [41.2in] (Size 2), 125kg

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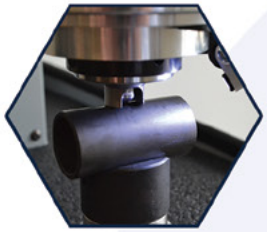
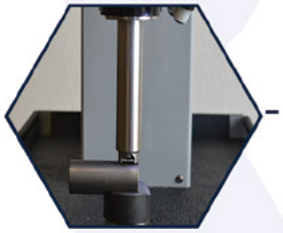
Rockwell Hardness Tester



Bright LED Workspace

Illuminuation highlights the test location



Indenter Extensions for Complex Parts

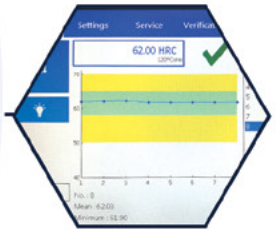
Indenter extensions with the dedicated cover provides more testing capabilities on more complex shapes

Industrial Control Buttons

Rigid control buttons for automatic testhead movement and test initiation

Clamping Device for Security and Repeatability

The innovative clamping device secures the part on the tester and provides stability during testing



Intuitive User Interface

The new user interfaces has all functions you need but keeping it easy to use

Detachable Interface

The user interface can be detached from the tester ensuring full flexibility for your lab setup.

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