

Quick Operation On-site Direct Rockwell Hardness Tester for Big and Irregular Components

Brief Introduction:

iqualitrol iRock-KR150 can directly test the samples with oxide skin and oil slick, long rod sample, no need horizontally support, huge test space for finished products and difficult environments.

Not influenced by bending nor deflections, simple, quick and precise.

The clamping shield permits the measure of big and irregular pieces, direct Rockwell hardness reading.



Standard Delivery:

Rockwell Diamond Indenter, 1pc	Rockwell Ball Indenter 1/16", 1pc
Brinell Indenter 2.5mm, 1pc	Rockwell Test Blocks 3pcs
Brinell Test Block HBW2.5/187.5, 1pc	Spare fuse
Test Anvil R, 1pc	Accessory Box, 1pc
Anvil Diameter 58mm, 1pc	Anvil Diameter 150mm, 1pc

Technical Specification iRock-KR150:

Hardness Type	Rockwell
Reading	Digital Display
Resolution	0.1HR
Pre-Load	10kg (98N)
Total Load	60kgf (588N), 100kgf(980N), 150kgf (1471N)
Rockwell Scales	HRA-HRB-HRC-HRD-HRF-HRG
Hardness Range	10-70HRC
Minimal Diameter for specimens	4mm (rod shape needs anvil supports)
Permitted Error	Conform ISO6508-2
Repeatability	Conform ISO6508-2
Indenter Protector	Diameter 11mm, Height 14mm
Indenter extension bar	100mm (optional)
Indenter device travel	420mm/620mm (optional)
Loading Method	Manual (Load by lever)
Dwell Time	Randomly
Test Space	Throat 220mm, Max height 420mm, (Optional 620mm)
Data Export	RS232, used to export data or upload to computer
Power supply	1ph/AC100-240V/50/60Hz
Power Consumption	18W
Working environment	Temp 0-50°C, humidity 10%-90%RH
Dimension	240mm*560mm* 875 mm
Base for sample	240mm*335mm
Weight	Net 117kg, Gross 126kg