

PrimeR-1500E Electric Rockwell Hardness Tester

Feature:

PrimeR-1500E electric rockwell hardness tester is a popularly-used hardness testing instrument to measure the Rockwell hardness of the materials. No need for power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

LCD screen can show time.

Clock dial show result.

Application:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Standard:

ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2



Technical Specification:

Model	PrimeR-1500E
initial test force	10kgf (98.07N)
total test force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
indenter	diamond indenter, $\phi 1.588\text{mm}$ ball indenter
hardness scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK
scale convert	HV, HB
measure range	HRA:20-88 HRB:20-100 HRC:20-70 HRD:40-77 HRF:60-100 HRG:30-94 HRH:80-100 HRK:40-100
loading method	electri
hardness reading	Clock dial
resolution	0.1HR
dwell time	15S
max. height of specimen	170mm
throat	160mm
power supply	AC220V, 50Hz
dimension(LWH)	machine:520×240×700mm, packing: 650×400×950mm
weight	net weight: 70kg, gross weight: 100kg

Standard accessories:

No.	Name	Qty	No.	Name	Qty
1	instrument main body	1	7	large plane test table	1
2	$\phi 1.588\text{mm}$ ball indenter	1	8	middle plane test table	1
3	diamond rockwell indenter	1	9	V-shaped test table	1
4	hardness block 20~70 HRC	1	10	weight A,B,C	3
5	hardness block 80~100 HRB	1	11	anti-dust cover	1
6	hardness block HRA	1	12	manual	1