

PrimeR-1500D

Digital Rockwell Hardness Tester

Feature:

With novel appearance and menu interface, the measuring device adopts grating sensor and computer control, and the hardness indication value is directly displayed on the LCD screen. It is a mechatronics hardness testing instrument.

The machine can automatically convert various hardness parameters, identify the minimum thickness of the specimen and determine the environmental temperature of the test. Built in printer to read relevant test

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-1500D
initial test force	10kgf (98.07N)
total test force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
indenter	diamond indenter, $\phi 1.588$ mm ball indenter
hardness scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRR,
scale convert	HBW, HV, HK, HRA, HRB, HRC, HRD, HRF, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T,
measure range	HRA:20-88 HRB:20-100 HRC:20-70 HRD:40-77 HRE:70-94 HRF:60-100 HRG:30-94 HRH:80-100 HRK:40-100 HRL:100-120 HRM:85-110 HRR:114-125
loading method	automatic (loading/dwell/unloading)
hardness reading	Digital LED screen
Data output	Built-in printer, RS232 to PC.
resolution	0.1HR
dwell time	0~60s
max. height of specimen	190mm
throat	165mm
power supply	AC220V, 50Hz
dimension(LWH)	machine:520×240×720mm, packing: 650×370×950mm
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	$\phi 1.588$ 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	2	10	weight A,B,C	3
5	hardness block 80~100 HRB	1	11	anti-dust cover	1
6	cable	1	12	manual	1