

ROCKWELL HARDNESS TESTERS (DIGITAL MOTORIZED)

METZ – DRHT 150



Features:

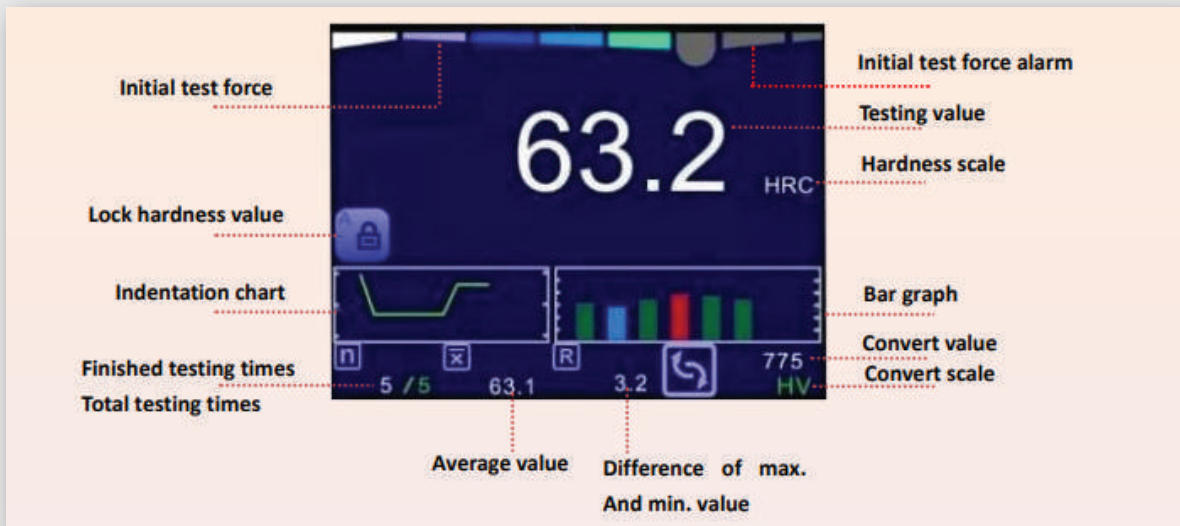
- Color screen can show more data: hardness value and conversion hardness value, hardness scale, conversion scale, Initial force loading, initial force alarm, finished testing times, total test times, average value, difference of max – min value, bar graph, indentation chart, etc.
- From Rockwell scale can convert to HV or HB scale.
- Automatic loading, dwell, unloading main test force;
- Calibration function compensate the testing value for high accuracy.
- Automatic power off.
- Memory of 500 testing values for browsing and output.
- Precision hydraulic buffer with one-piece casting, no buffer fluid leakage, and smooth loading and unloading, no impact. Speed is adjustable.
- One-time casted molding shell, stable structure and it is not easy to be out of shape. It can work under harsh environment;
- The shell coating adopted car paint technology with white color. It has strong scratch resistance capability and still look bright as new after use many years;

Main Application

Scale	Indenter	Preliminary test force (N)	Total test force (N)	Applications
A	Diamond indenter	98	588	Horniness alloy, cementitesteel
D			980	Thin steel, quenched case
C			1471	Quenched steel, thermal refined steel, cast steel
F	Diameter of steel ball 1.588mm (1/16 inch)		588	Anneal copper alloy, thinsoftsteel
B			980	Soft steel, aluminumalloy, copper alloy, casting
G			1471	Pearliest iron, copper, nickel, zinc, nickel alloy
H	Diameter of steel ball 3.175mm (1/8 inch)		588	
E			980	
K			1471	

Technical Parameters

Model	Metz – Drht 150
Rockwell scale	Standard: HRA, HRB, HRC, HRD, HRF, HRG Optional indenter: HRE, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion scale	HV, HB
Preliminary test force	10Kg(98N)
Total test force	60Kg (588N), 100Kg (980N), 150Kg (1471N)
Resolution	0.1HR
Hardness value range	HRA:20~88 HRB:20~100 HRC:20~70
Hardness data read	Digital screen
Loading control	Automatic loading - dwell - unloading
Memory	500 pieces test data
Data output	USB port
Test space	Maximum height : 210mm; Maximum throat depth: 165mm
	220V 50Hz
Machine Size / N.W	527x242x702mm, 90kg
Packing size / G.W	620*490*826mm, 100kg
Executive standard	ASTM E18 , ISO 6508-2 , GB/T230.2-2018 , BSEN 6508, JJG112



Standard Accessory

Name	Qty
Rockwell hardness tester host	1 set
Diamond Rockwell indenter	1 pc
1.5875mm diameter carbide ball indenter	1 pc
Standard hardness block	5 pc
Ø150mm testing table	1 pc
Ø60mm testing table	1 pc
60mm V-shaped testing table	1 pc
Ø1.5875 mm carbide ball	5 pc
Cover for elevating screw	1 pc
USB cable	1 pc
AC/DC Adapter	1 pc
Dust-proof cover	1 pc
Accessory box	1 pc
Manual book	1 pc



Ø60mm flat anvil (included)



150mm flat anvil (included)



V-type anvil (included) for cylinders with diameter

