



Product introduction :

TRH-LM Digital Rockwell hardness tester is based on the principle of ROCKWELL. It is used to measure the hardness of carbon steel, alloy steel, cast iron, non-ferrous metal and engineering plastics. It has the characteristics of high accuracy, wide measuring range, automatic loading and unloading of main test force, digital display of measurement results, data printing and external computer communication.

Digital Rockwell hardness tester has novel appearance, intuitive digital display and computer control. It has stable performance. It is a high-tech product which integrates mechanical and electrical technology. It can be used for hardness testing of Rockwell scale.

Functional characteristics

- LCD Digital Display Hardness Value of 15 Rockwell Scales
- Conversion to various hardness gauges, such as Vickers and Brinell
- Menu LCD display, full-featured, such as GO/NO
- Built-in thermal printer prints out test data
- High precision, good reliability and durability
- Strong structure, good rigidity
- External test force selection knob, easy to operate
- External illumination light source, can clearly see the test point
- The test space is large and the larger sample can be placed.
- The standard is fully equipped to meet the test requirements of all scales.
- Selection of Dwell Time for Hardness Testing
- Reduction function
- RS232 Data Output Interface (software optional)

Technical Specification :

Model	TRH-LM
Initial test force	10kgf (98.07N)
Total test force	60, 100, 150 kgf (588, 980,1471N)
Resolution	0.1HR
Rockwell scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH,HRK, HRL, HRM, HRP, HRR, HRS, HRV
Scale conversion	HV,HB, HR
Standard	ISO6508, ASTM E18
Language	English
Hardness indication	LCD display
Dwell time	1-60s
Date output	Built-in printer, RS-232 Interface
Loading method	Motorized automatic load
Maximum Test height	170 mm
Depth of throat	165 mm
Power supply	AC220V+5%,50 Hz
Machine size	550 x 220 x 700 mm
Net weight	70kg (Approx.)

Standard Accessories :

Name	Quantity
Diamond indenter	1
Hardness block HRC	1
Hardness block HRB	1
Operating Manual	1
1/16"Steel ball indenter	1
Flat Table (50 mm dia.)	1
V Table (40 mm dia)	1
Power cord	1

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