



**Rockwell Hardness Meter
TRHM-A10**

**Rockwell Hardness Meter
TRHM-A11**

**Rockwell Hardness Meter (motorized type)
TRHM-B10**

Rockwell hardness meter TRHM-A10

Rockwell hardness meter TRHM-A10 is used for the testing of ferrous & non-ferrous materials at Rockwell scale. The high quality stainless steel used in its preparation assures reliability & durability of the hardness tester. With novel appearance its analogue gauge display the hardness indication with good resolution. Equipped with oil pump controls test operations, it reduces operator's involvement.

Features

- Analogue display with resolution of 0.5 HR
- Manual loading control
- Rockwell scale HRA, HRB, HRC
- Cone diameter indenter
- Stainless steel weight selection control knob
- Outside body has cast –iron material
- Can be connected to printer
- Easy to operate

Applications

Rockwell hardness tester has applications in workshops, inspection and production departments, and Iron industry for testing.

Specification

Model no.		TRHM-A10
Preliminary test force		98 N
Total test force		588, 980, 1471 N
Total test force dwell time		0 to 30 S
Hardness indication		Analogue display
Resolution		0.5 HR
Loading control		Manual
Maximum height of specimens		170 mm
Distance from Indenter's center to outer wall		165 mm
Dimension of the machine		510 × 230 × 750 mm
Power supply		AC 220 V, 50 Hz
Weight		85 kg
Range of Rockwell hardness value	HRA	20 to 88
	HRB	20 to 100
	HRC	20 to 70

Rockwell hardness meter TRHM-A11

Rockwell hardness meter TRHM-A11 is a mechanical & electrical hardness testing instrument with novel design, digital display and micro-processor controlled loading system. Its automatic loading control eliminates operational errors in reading. It is used for the testing of ferrous & non-ferrous materials, plastic materials at Rockwell scale. The digital display shows test force values, dwell time, unloading, hardness results, conversion table etc. to study.

Features

- Automatic feedback lock among rotary wheels
- Digital display screen
- 1.587 mm steel ball indenter
- USB connection to printer
- Automatic loading control
- Rockwell scale HRA, HRB, HRC
- Stainless steel weight selection control knob
- Outside body with cast-iron material
- Cone diamond indenter
- Easy to operate

Applications

Rockwell hardness tester with digital display has applications in workshops, inspection and production, and plastic industry.

Specification

Model no.		TRHM-A11
Preliminary test force		98 N
Total test force		588, 980, 1471 N
Total test force dwell time		1 to 30 S
Hardness indication		Digital display
Resolution		0.1 HR
Loading control		Automatic
Maximum height of specimens		170 mm
Distance from Indenter's center to outer wall		165 mm
Dimension of the machine		490×212×750 mm
Power supply		AC 220 V , 50 Hz
Weight		85 kg
Range of Rockwell hardness value	HRA	20 to 88
	HRB	20 to 100
	HRC	20 to 70

Rockwell hardness meter (motorized type) TRHM-B10

Rockwell hardness meter (motorized type) TRHM-B10 comes in three kinds of measurement method, 7 steps of testing force, meets the need of many kinds of hardness test requirements for users. Testing force in the hardness tester can be loaded, kept & unloaded automatically. The large LCD screen display the measuring data, hardness conversion values between Rockwell, Brinell, Vickers scale. With unique inside structure, high measurement accuracy and reliable performance it finds application in metal & non-destructive material industry.

Features

- Large LCD screen display
- Automatic loading control
- Stainless steel weight selection control knob
- Cone diamond indenter and 1.58 mm Steel ball indenter
- Outside body with cast –iron material
- RS232 interface
- Connection to mini printer
- Easy to use

Applications

Motorized type Rockwell hardness tester measures the hardness of the hard metals, carburizing steel sheets, quenching steels, hard cast irons, mild steels, chemically treated metals.

Specification

Model no.	TRHM-BIO
Preliminary test force	98 N
Total test force	588, 980, 1471 N
Brinell hardness test	306, 613, 1839 N
Vickers hardness test	294, 588, 980 N
Loading control	Automatic
Hardness indication	Analogue display
Resolution	0.5 HR
Magnification of Microscope	37.575x
Maximum height of Specimen	180 mm
Distance from Indenter's center to outer wall	200 mm
Dimension of machine	560×260×760 mm
Power supply	AC 220 V, 50 Hz
Weight	90 kg