



Rockwell Hardness Tester

Model: RASN

- ◆ Suitable for Rockwell Tests.
- ◆ Manually operated
- ◆ Test force selection by external dialing.
- ◆ Auto zero setting dial gauge.



Rockwell cum Superficial Hardness Tester

Model: RASN (T)

- ◆ Suitable for Rockwell & Rockwell Superficial tests.
- ◆ Manually operated
- ◆ Test force selection by external dialing.
- ◆ Auto zero setting dial gauge.



Motorised Digital Rockwell cum Superficial Hardness Tester

Model: RASN (T)(E)

- ◆ Suitable for Rockwell & Rockwell Superficial tests.
- ◆ All other features as per RASN(E) model



Motorised Digital Rockwell Hardness Tester

Model: RASN (E)

- ◆ Digital Hardness Tester for Rockwell tester. Motorized for automatic operation cycle.
- ◆ Test Force selection by external dialing.
- ◆ Set position with LCD indicator.
- ◆ Key board entry through reliable membrane switches for scale/GO-NOGO/ dwell time selection.
- ◆ Large size scale display with 0.1 Rockwell resolution.
- ◆ Parallel output for conceding dot matrix printer to get
- ◆ Results indicating serial number of tests, hardness scale, hardness value and high/good/low indication.
- ◆ Special Serial software package for PC interface
- ◆ Special model for plastic with R & M scale also available

Motorised Digital Rockwell cum Brinell Hardness Tester

Model RASN(E)(B) is also available with 60, 100, 150, 187.5 & 250 kg load.
For HB 2.5/187.5 & HB 5 /250 scale microscope will be supplied to measure hardness.
For A, B & C scale direct digital display to measure hardness

TECHNICAL DATA

Model	SSS	Unit	RASN	RASN(B)(E)	RASN(T)(E)	RASN(E)
Major Load		N	588.4, 980.7, 1471	588.4, 980.7, 1471	147.1, 294.2, 441.3, 588.4, 980.7, 1471	588.4, 980.7, 1471
		(kfg)	(60, 100, 150)	(60, 100, 150, 187.5, 250)	(15,30,45,60, 100,150)	(60, 100, 150)
Minior Load		N (kfg)	98.07 10	98.07 (10)	29.42,98.07 (10)	98.07 (10)
Max Test Height		mm	230	230	300	230
Depth of Throat		mm	133	133	133	133
Net wt. Approx.		kg.	65	70	62	73
Machine Dimension (Approx.)		mm	L-450 W-175 H-627	L-450 W-175 H-627	L-450 W-175 H-697	L-450 W-175 H-627

Due to constant research and development, specifications and features are subject to change without notice.

These testers strictly conform to IS: 3804-1966, BS: 891 parts I & II ASTM: E18-14 for Rockwell test and IS:2281-1968, BS:240, ASTM: E10 For Brinell test.



Hardness tester with a jack rest for long jobs.



Cylindron anvil for big jobs above 20 mm dia.



Eyeball anvil for testing tapered jobs.

STANDARD ACCESSORIES :

Model	RASN	RASN(B)	RASN(T)	RASN(M)	RASN(E)
Testing Table 48 mm dia.	1	1	1	1	1
Testing Table 38 mm dia. with 'V' groove for round jobs 6-45 mm dia.	1	1	1	1	1
Diamond Indentor - Rockwell.	1	1	1	1	1
Steel Ball Indentro 1/16" with 5 spare balls	1	1	1	1	1
Steel Ball Indentro 2.5mm with 5 spare balls	-	1	-	-	-
Test Block Rockwell 'C'	1	1	1	1	1
Test Block Rockwell 'B'	1	1	1	1	1
Test Block HB 2.5/187.5	-	1	-	-	-
Test Block HB 30 N	-	-	1	-	-
Allen Spaners	5	5	5	5	5
Clamping Device	1	1	1	1	1
Dash Pot Oil	1 Bottle	1 Bottle	1 Bottle	-	-
Wooden Box for Std. Accessories	1	1	1	1	1
Rubber Bellow for elevation screw protection	1 Set	1 Set	1 Set	1 Set	1 Set
Power Cable	-	-	-	1	1
Brinell Microscope	-	1	-	-	-
Instruction Manual	1	1	1	1	1

OPTIONAL ACCESSORIES :

- ◆ Steel Ball Indentor 1/8", 1/4", 1/2"
- ◆ Testing Table 200mm dia.
- ◆ Testing Table 70mm dia. with 'V' groove for round jobs 10 to 80mm dia.
- ◆ Vari-rest to support odd shaped jobs. ◆ Jominy test Fixture for end quench test.
- ◆ Gooseneck Adaptor No.1 ◆ Special Diamond Indentor suitable for Gooseneck Adaptor No.1 ◆ Short nib diamond Indentor suitable for Gooseneck Adaptor no.1 ◆ Gooseneck adator No.2 ◆ Special Diamond Indentor suitable for Gooseneck Adaptor No.2 ◆ Gooseneck adaptor No. 3
- ◆ Raised centre testing table 15mm dia. ◆ Diamond spot anvil. ◆ Cylindron anvil for testing big jobs above 20mm dia. ◆ Eyeball anvil with 25.4 dia. or 38mm dia. ball ◆ Goseneck anvil for pipes 5 to 25mm ID with 5mm step inserts. ◆ Jack rest for long and heavy jobs ◆ Dot matrix Printer for Model



SSS INSTRUMENTS

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