

TRS-N SERIES HARDNESS TESTING MACHINES

TRS-N Series

Rockwell, Rockwell cum Brinell, Rockwell cum Superficial Hardness Testers are manufactured under strict quality control at all manufacturing stages. These models are suitable for testing hardness of metals and alloys of all kinds, hard or soft, whether flat or round etc. or of irregular shape. These models are having superior design to that of existing conventional Rockwell Hardness Testers & easy to operate. It is quite sensitive & accurate.

FEATURES

FTM make Hardness Testers model TRSN, TRSN-S and TRSN-T are manually operated

Machine is having different Taper front look & equipped with Big dial gauge and superior aesthetic look over conventional Rockwell Hardness Tester. The machine is powder coated & paint shade does not fade over the years of use.

Most of the important parts are plated to avoid rusting.

An anti-friction linear bearing is fixed in Hardened & ground stepped bush which will provide perfect vertical movement of diamond holder. Thus the testing of small pin or ball upto 3mm dia is possible.



• All models conform to

IS : 3804 BS 10109-2 & ASTM-E-18 for Rockwell Test.

IS : 5073 BS 10198-2 & ASTM - E-18 for Rockwell Superficial Test

IS : 2281 BS 10003-2 & ASTM - E-10 for Brinell Test.

• Automatic Load Selection for all models.

• Motorized version of all models is also available.

Model	TRSN	TRSN-B	TRSN-T
Test Loads (Kgf)	60, 100, 150 (Rockwell)	60, 100, 150 (Rockwell) 187.5, 250 (Brinell)	60, 100, 150 (Rockwell) 15,30, 45 (Rockwell Superficial)
Initial Loads (Kgf)	10	10	10 (Rockwell) and 3 (Rockwell Superficial)
Max. Test Height (mm)	222	222	222
Depth of Throught (mm)	130	130	130
Size of Base (mm) (Aprox.)	450 X 265	450 X 265	450 X 265
Machine Height (mm)	627	627	627
Net Weight (Approx.) kg.	65	70	70

Standard Accessories

Model	TRSN	TRSN-B	TRSN-T
Rockwell Diamond Indenter	1 No.	1 No.	1 No.
Superficial Diamond Indenter	-	-	1 No.
Testing Table Ø 50 mm	1 No.	1 No.	1 No.
Testing Table Ø 40 mm with 1/8" Groove for round jobs Ø 6 to 45mm	1 No.	1 No.	1 No.
Steel Ball Indenter Ø 1/16"	1 No.	1 No.	1 No.
Steel Ball Indenter Ø 2.5mm	-	1 No.	-
Steel Ball Indenter Ø 5 mm	-	1 No.	-
Test Block HRC	1 No.	1 No.	1 No.
Test Block HRB	1 No.	1 No.	1 No.
Test Block HB 2.5mm/187.5kgf	-	1 No.	-
Test Block Rockwell Superficial 30N	-	-	1 No.
Steel Ball Indenter Ø 1/16"	5 Nos.	5 Nos.	5 Nos.
Allen Spanners	3 Nos.	3 Nos.	3 Nos.
Clamping Device	1 No.	1 No.	1 No.
Brinell Microscope	-	1 No.	-
Telescopic Sleeves for elevation screw	1Set	1Set	1Set
Instruction Manual	1 Book	1 Book	1 Book

FTM Reserves the rights of change in the above specification due to constant improvements in design.



Manufactured By :

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