



FINE MANUFACTURING INDUSTRIES
Material Testing Solutions



TRSN Series

Export Rockwell Hardness

PRECISION CONTROL / MOTORISED OPERATION



MODEL

TRSN Series

FINE | TRSN Series

MARKETED BY

FOR MORE INFORMATION PLEASE CONTACT:
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AN ISO 9001 : 2015 CERTIFIED COMPANY

Export Rockwell Hardness Tester series TRSN, TRSN-B, TRSN-C



Rockwell Hardness Testing Machine is manufactured under strict quality control at all manufacturing stages. This model is suitable for testing hardness of metals and alloys of all kinds, hard or soft, whether flat or round etc. or of irregular shape. This model is having superior design to that of existing conventional Rockwell Hardness Testers & easy to operate still quite sensitive & accurate.

Features

- FTMPL make Hardness Testers models TRSN, TRSN-B and TRSN-T are manually operated.
- Machine is having different Taper front look and superior aesthetic look over conventional Rockwell Hardness Tester.
- Unidirectional Big Dial type auto load selection knob for load selection of loads 60,100 & 150 kgf.
- Most of the important parts are plated to avoid rusting.
- An antifriction 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 : 1586, BS 10109-2, ASTM-E-18 & ISO : 6508-2 for Rockwell Test.

- Automatic Load selection for all models.
- Motorized version of models is also available.





Technical Specifications :

Model	TRSN	TRSN - B	TRSN - T	TRSN - C
Test Loads (kgf)	60,100,150 (Rockwell)	60,100,150. (Rockwell) 187.5. 250 (Brinell)	60,100,150 (Rockwell) 15,30,45 (Rockwell Superficial)	15,30,45,60,100,150,187.5,250
Initial Loads(kgf)	10	10	10 (Rockwell) and 3(Rockwell Superficial)	3 kgf. for superficial test 10 kgf. for Rockwell & Brinell Test
Max. Test Height(mm)	222	222	222	222
Depth of Throat (mm)	130	130	130	130
Size of base (mm) (approx)	450 * 265	450 * 265	450 * 265	450 * 265
Machine Height (mm)	627	627	627	700
Net weight (approx) kg.	65	70	70	70

Standard Accessories :

Model	TRSN	TRSN - B	TRSN - T	TRSN - C
Rockwell Diamond Indenter	1 No.	1 No.	1 No.	1 No.
Superficial Diamond Indenter	-	-	1 No.	1 No.
Testing Table Dia 50 mm	1 No.	1 No.	1 No.	1 No.
Testing Table Dia 40 mm with 'V' Groove for round jobs Dia 6 to 45 mm	1 No.	1 No.	1 No.	1 No.
Steel Ball Indenter Dia 1/16"	1 No.	1 No.	1 No.	1 No.
Steel Ball Indenter Dia 2.5 mm	-	1 No.	-	1 No.
Steel Ball Indenter Dia 5 mm	-	1 No.	-	1 No.
Test block HRC	1 No.	1 No.	1 No.	1 No.
Test Block HRB	1 No.	1 No.	1 No.	1 No.
Test Block HB 2.5 mm /187.5 kgf.	-	1 No.	-	1 No.
Test Block Rockwell Superficial 30N	-	-	1 No.	1 No.
Steel Ball Indenter Dia 1/16"	5 Nos.	5 Nos.	5 Nos.	5 No.
Allen Spanners	3 Nos.	3 Nos.	3 Nos.	3 Nos.
Brinell Microscope	-	1 No.	-	1 No.
Telescopic Sleeves for elevation screw	1 set	1 set	1 set	1 set
Instruction Manual	1 Book	1 Book	1 Book	1 Book