

METTECHNIK

One stop solution in Metallurgy Testing

EXPORT QUALITY ROCKWELL CUM SUPERFICIAL HARDNESS TESTER



Rockwell, Rockwell Cum Brinell, Rockwell cum Superficial Hardness Tester 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

- Ø FTMPL make Hardness Testers models TRSN, TRSN-B and TRSN-T are manually operated.
- Ø Machine is having different Taper front look & equipped. With big dial gauge and superior aesthetic look over conventional Rockwell Hardness Tester.
- Ø The machine is powder coated & paint shade does not fade over the years of use.
- Ø Most of the important parts are plated to avoid rusting.
- Ø An antifriction linear bearings 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 3 mm dia is possible.
- Ø All models conform to -
 - Ø IS : 3804 BS 10109-2 & ASTM-E-18 for Rockwell Test
 - Ø IS : 5073 BS 10198-2 & ASTM-E-18 for Rockwell Superficial Test
 - Ø IS : 2281 BS 10003-2 & ASTM -E-10 for Brinell Test
- o Automatic Load selection for all models.
- o 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)	15,30,45,60,100,1 50,187.5,250
Initial Loads(kgf)	10	10	10 (Rockwell) and 3(Rockwell Superficial)	3 kgf. for superficial test 10 kgf. for Rockwell & Brinell
Max. Test	222	222	222	222
Depth of Throat	130	130	130	130
Size of base (mm)	450 * 265	450 * 265	450 * 265	450 * 265
Machine Height	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	1 No.	1 No.	1 No.	1 No.
for round jobs Dia 6 to 45 mm				
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

We also supply all types of Metallography Equipments

