RASN/RASNB/RASN-TWIN

EKLAVYA
TECHNO SOLUTIONS

Experience the
Next Generation
of Excellence



RASN	Rockwell Hardness Tester
RASNB	Rockwell Cum Brinell Hardness Tester
RASN-TWIN	Rockwell Cum superficial Hardness Tester

Perfect vertical movement of the loading plunger ensured by precision bearings

Long machine life with consistent and reliable accuracy.

Automatic zero-setting readout dial for easy and precise operation.

Features :

1.The machine body features a modern design with a large front-mounted dial gauge. The entire body is powder-coated for an attractive appearance ensuring the paint shade remains intact and the machine looks new for years.

2.The elevating screw is precisely guided in a hardened and ground bush, limiting its lateral movement to less than 0.05 mm even at full height. This construction maintains long-term accuracy and stability of performance.

3.The loading mechanism is designed with a hardened support interface, ensuring mechanical stability and eliminating any variation in readings caused by table movement or repeated usage

Rockwell Hardness Testing Machines

Series : RASN/RASNB/RASN-TWIN

Standard Accessories :

Model	RASN	RASN-Twin	RASNB
Testing table 50mm dia	1	1	1
Testing table 38mm dia with "V" groove for round jobs 6-45 mm dia.	1	1	1
Diamond indenter - Rockwell RA	1	-	1
Diamond indenter - Rockwell SF	-	1	-
Ball Indentor 1/16"	1	1	1
Ball Indentor 2.5 mm.	-	-	1
Test block Rockwell "C"	1	1	1
Test block Rockwell "B"	1	1	1
Test block HBW 2.5/187.5	-	-	1
Test block HR 30 N	-	1	-
Allen Spanners	5	5	5
Screw Driver	1	1	1
Clamping device	1	1	1
Telescopic sleeves for elevating screw position	1 set	1 set	1 set
Oil bottle for Dash pot	1	1	1
Instruction Manual	1	1	1
Brinell microscope	-	-	1
Machine cover	1	1	1

Technical Specifications :

Model	RASN	RASN-Twin	RASNB
Major Load	588.4, 980.7, 1471 N (60,100, 150) kgf	147.1, 294.2, 441.3, 588.4, 980.7, 1471 N (15,30,45,60, 100,150) kgf	588.4, 980.7, 1471,1839, 2452 N (60,100,150, 187.5,250) kgf
Minor Load	98.7 N (10) kgf	29.42, 98.07 N (3, 10) kgf	98.07 N (10) kgf
Max Test height (mm)	230	230	230
Depth of throat (mm)	133	133	133
Net Wt. Approx. (kg)	70	75	75
M/c dimensions (mm)	L-500 W-170 H-640	L-500 W-170 H-640	L-500 W-170 H-640
Resolution	1 Rockwell	1 Rockwell	1 Rockwell

Note : For Brinell scale - manually select (187.5 or 250 kgf) with respected ball indentor. At that time take reference of set point only, apply the load, then measure the impression diameter by Brinell microscope only. (No Brinell scale display on screen).

5mm step inserts. ● Jack rest for long and heavy jobs

Due to constant Research & Development, Specifications and Features are subject to change without notice.

Digital Rockwell Hardness Testing Machine

RASN
RASN-Twin
RASNB

EKLAVYA TECHNO SOLUTIONS

Experience the
Next Generation
of Excellence

Manufactured By :
EKLAVYA TECHNO SOLUTIONS PVT. LTD.
Near Taradal Naka,Shahapur,Ichalkaranji 416 115
Tal : Hatkanagale Dist : Kolhapur, Maharashtra State, INDIA.

Cell : +91 8830406235 ● **E-mail :** eklavyainfo@yahoo.com, saleseklavyatech@gmail.com
Web : www.eklavyatech.com