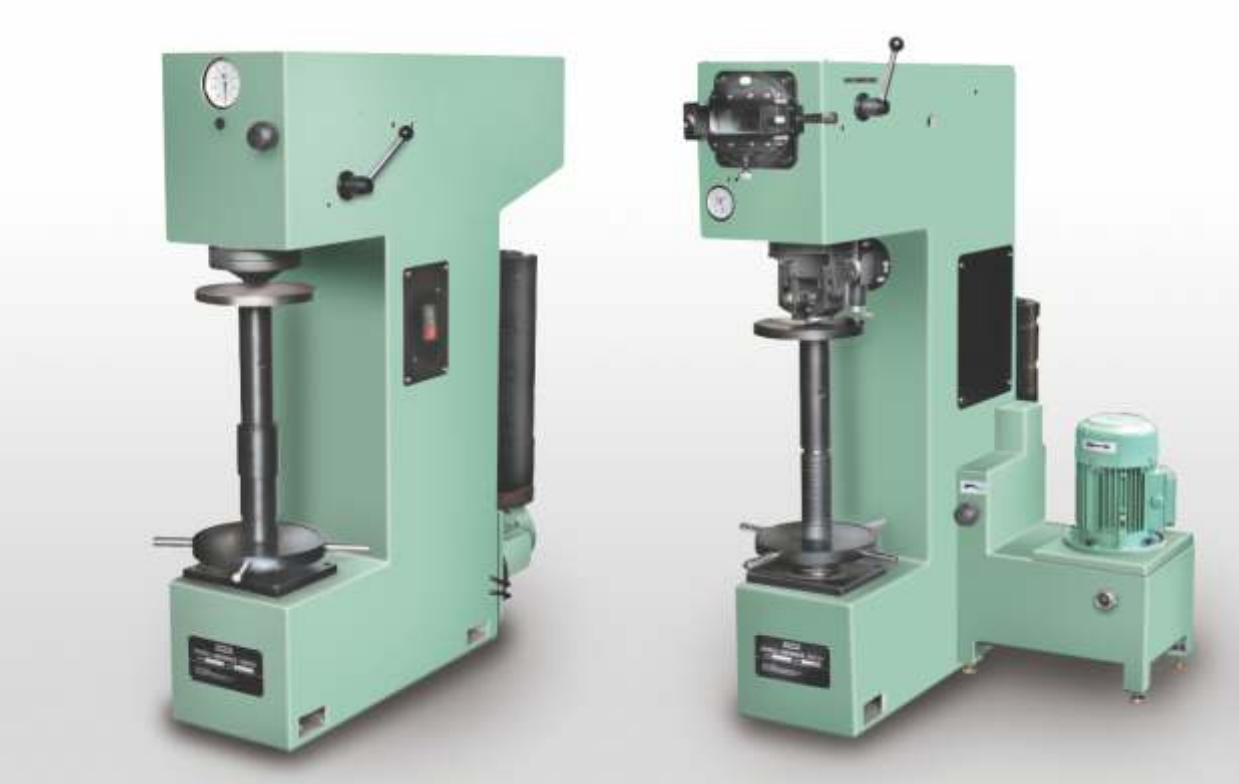
FIE GROUP

Brinell Hardness Testers

Model : B-3000 (H), B-3000 (O)



SAROJ

Saroj Engineering Udyog Pvt. Ltd.

Intelligent Hardness Testing Solution

SAROJ

Brinell Hardness Testers

SAROJ Hardness Testers, Model : B-3000 (H) & Model : B-3000 (O) are precision engineered confirming to IS:1500-2, however B-3000 (H) & Model : B-3000 (O) are most suitable for production testing.

These machines are designed to measure hardness of castings, forgings, other metals and alloys of all kinds, hard or soft, whether flat, round or irregular in shape.



B-3000 (H)



B-3000 (O)

Machine designed with a hydraulic power pack and control circuit for effortless loading unloading operation.

A dial gauge in front measure depth of ball penetration.

This facilities production testing within tolerance limits by compression method.

Basic machine design & operation similar to B-3000 (H). In addition 'Optical Device' with 14 x magnification provided in front of project dia of ball impression on glass screen with a micrometer measuring system with 0.01mm accuracy. The indentor swivels & projects dia of ball impression immediately after unloading operation which avoids additional time for measurement of ball impression.

Technical Data :

MODEL		B-3000 (H)	B-3000 (O)
Loads	kgf	250 to 3000 in stages of 250	250 to 3000 in stages of 250
Initial Load	kgf	250	NIL
Max. test height	mm	410	380
Depth of throat	mm	200	200
Max. depth of elevating screw below base (approx.)	mm	180	180
Machine height (approx.)	mm	1127	1185
Net weight (approx.)	kg.	450	500
Drive Motor	HP	0.33	0.33
Mains Supply	V/cy/ph	415/50/3	415/50/3
Optical Device		NIL	Direct reading optical device with 14 x magnification

Standard Accessories :

MODEL	B-3000 (H)	B-3000 (O)
Testing table 200 mm dia	1 pc.	1 pc.
Testing table 70 mm dia with 'V' groove for round jobs - 10 to 80 mm dia.	1 pc.	1 pc.
Ball holder 5 mm	1 pc.	1 pc.
Ball holder 10 mm	1 pc.	1 pc.
Test Block HB-5/750	1 pc.	1 pc.
Test Block HB - 10/3000	1 pc.	1 pc.
Brinell Microscope	1 pc.	NIL
Allen Spanner	7 pcs.	7 pcs.
Telescopic cover for - elevating screw protection	1 set	1 set
Instruction manual	1 Book	1 Book

Due to continuous improvement of the product, SAROJ reserves all rights to change the above specifications without any prior notice.