



## Products

### Brinell Hardness Tester

Models : B 3000 (H), B 3000 (O)

B - 3000 (H)	B - 3000 (O)
Machine designed with a hydraulic power pack and control circuit effortless loading, unloading operation	Basic machine design & operation similar to B-3000 (H). In addition 'optical device' with 14 x magnification provided in front to project dia of ball impression on glass screen with a micrometer measuring system with 0.01 mm accuracy. The indenter swivels & projects dia of ball impression immediately after unloading operation which avoids additional time for measurement of ball impression
A dial gauge in front measure depth of ball penetration. This facilitates production testing within tolerance limits by compression method	
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Hardness Testers, Model B-3000 (H) & Model B-3000 (O) are precision engineered conforming to IS:2281:1968, BS:240 and ASTM:E 10, however B-3000 (H) & Model 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.

#### 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 200mm dia.	1pc.	1pc.
Testing table 70mm dia. with 'V' groove for round jobs - 10 to 80mm dia.	1pc.	1pc.
Ball Holder 5mm	1pc.	1pc.
Ball Holder 10mm	1pc.	1pc.
Test Block HB - 5 / 750	1pc.	1pc.
Test Block HB-10/3000	1pc.	1pc.
Brinell Microscope	1pc.	Nil
Allen Spanner	7 pcs.	4 pcs.
Telescopic Cover for elevating screw protection	1 Set	1 Set

Instruction Manual

1 Book

1 Book

**MATERIAL TESTING MACHINES SERVICES**

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