



SUZUKI INSTRUMENTS

Think Reliability. Come To Us

Brinell Hardness Testers

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



B-3000 (H)



B-3000 (O)

Plot No. A-803/804, Ajanta Ellora,
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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.

Dial gauge in front measure depth of ball penetration.

This facilitates 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 indenter 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
Initial Load	kgf	250
Max. test height	mm	410
Depth of throat	mm	200
Max. depth of elevating screw below base (approx.)	mm	180
Machine height (approx.)	mm	1127
Net weight (approx.)	kg.	450
Drive Motor	HP	0.33
Mains Supply	V/cy/ph	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

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