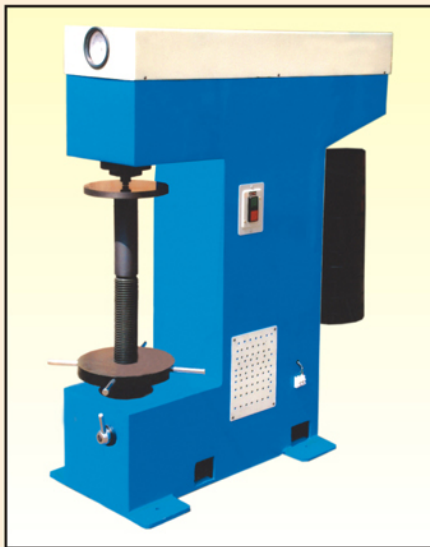


BRINELL HARDNESS TESTERS - SE B3000(H), SE B3000(O), SE B3000J



SE B3000(H)



SE B3000(O)



SE B3000J

Model SE B3000(H) : Machine designed with a hydraulic power pack and control circuits for effortless loading unloading operations. A dial gauge in front measures depth of ball penetration. This facilitates production testing within tolerance limits by compression method.

Model SE B3000(O) : Basic machine design and operation similar to B-3000(H). In addition, an 'Optical Device' with 14x 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 and projects dia of ball impression immediately after unloading operation which avoids additional time for measurement of ball impression. This gives real Brinell number on production testing.

Model SE B3000(J) : Simplest model of Brinell Hardness Tester with mechanical design. Loading, unloading manual, Best suitable for testing batch quantities.

TECHNICAL DATA

SPECIFICATIONS	UNIT	SE-B3000(H)	SE-B3000(O)	SE-B3000(J)
Loads	200	500 to 3000 in stages of 250	500 to 3000 in stages of 250	500 to 3000 in stages of 250
Initial Load	kgf	250	Nil	Nil
Max. Testing Height	mm	410	380	254
Depth of Throat	mm	200	200	150
Max. Depth of elevating screw below base	mm	180	180	0
Size of Base	mm	370 x 670	370 x 670	255 x 495
Machine Height	mm	1127	1185	860
Net Weight (Approx.)	kg.	450	500	210
Drive Motor	HP	0.33 - 415v/p	0.33 - 415v/p	Nil

STANDARD ACCESSORIES

MODEL SE B-3000	H	O	J
Testing table 200 mm	1 pc	1 pc	1 pc
Testing table 'V' groove 70 mm	1 pc	1 pc	Nil
Ball Holder 5 mm	1 pc	1 pc	1 pc
Ball Holder 10 mm	1 pc	1 pc	1 pc
Test Block HB - 5/750	1 pc	1 pc	Nil
Test Block HB - 10/3000	1 pc	1 pc	1 pc
Brinell Microscope	1 pc	Nil	1 pc
Allen Spanner	7 pcs	4 pcs	4 pcs
Instruction Manual	1 book	1 book	1 book

Model B-3000(H), (O) & (J) are precision engineered to IS:2281- 1968, BS:240 and ASTM:E10. However B-3000(H), (O), (J) are most suitable for production testing. These machines are designed to measure hardness of casting, forgings, other metals and alloys of all kinds, hard or soft, whether flat, round or irregular in shape.