

BRINELL HARDNESS TESTER WITH HYDRAULICS

DESCRIPTION

- ☞ Brinell Hardness Tester, Model: BKB-3001 is designed for Brinell hardness measurement steels and other ferrous materials and also on non-ferrous materials like Brass, Bronze, Aluminium, etc. The material can be cast, forged or rolled and the shape can be flat, round or irregular.
- ☞ The actual load application system is of dead weight type combined with a mechanical lever system. The supporting hydraulic system is for initial lifting of load before each test and damping the load application system for smooth application of load.

FEATURES

- ☞ A separate hydraulic power pack, positioned in the bottom part of the machine increases the machine stability.
- ☞ Our unique design of a floating lever system ensures high accuracy and dependability.



TECHNICAL SPECIFICATIONS

Model No.	BHT-3000
Load (Kgf)	500 to 3000 in steps of 250
Initial Load (Kgf)	250
Max. Test Height X Throat (Mm)	380 x 200
Max. Depth Of Elevating Screw Base (Mm) Approx.	180
Machine Height (Mm) Approx.	1145
Size Of Base (Mm) Approx.	400 x 740
Net Weight (Kg)	325
Drive Motor (Hp)	0.05
Mains Supply	3 Phase, 415V, 50Hz, A.C
Indentation Measurement	By separate Microscope

TECHNICAL SPECIFICATIONS

Item Name	Q'ty
Testing table dia 200 mm	1 no.
Testing table dia 70 mm with "V" groove for round jobs dia 10 to 80 mm	1 no.
Ball holder dia 5 mm	1 no.
Ball holder dia 10 mm	1 no.
Test Block HBW - 5/750	1 no.
Test Block HBW - 10/3000	1 no.
Brinell Microscope (25 x Magnification)	1 no.
Allen Key set	1 no.
Tungsten carbide ball dia 5 mm	1 no.
Tungsten carbide ball dia 10 mm	4 no.
Instruction Manual	1 no.