



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# BRINELL HARDNESS TESTER

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



## **BKB-3000**

**FEATURES: -**

- 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 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.
- 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 SPECIFICATION: -**

Model No.	BKB-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

**STANDARD ACCESSORIES: -**

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.