



# METTECHNIK

One stop solution in Metallurgy Testing

## BRINELL HARDNESS TESTING MACHINE Model: TKB3000



These machines are design with a hydraulic power pack and control circuit for effortless loading/unloading operations dial gauge front measures depth of ball penetration. This facilitates production testing within tolerance limit by comparison method.

### Technical Specifications:

Loads (kgf) – 500 to 3000 in Stages of 250

Initial Load (kgf)- 250

Max test Height x Throat (mm) – 380 x 200

Depth of relavating Screw Below Base throat (mm) - 180

Size of base (mm) approx - 1145

Machine height (mm)- 380x740

Net weight (approx kg)- 325

Drive Motor HP- 0.33

Mains Supply- 415V, 50Hz, 3 Ph

Indentation Measurement- By Separate Micriscope

**Features:**

The Brinell Hardness Tester, TKB-3000, is precision engineered conforming to IS: 2281/2005, BS: 240, ASTM-E-10 and is most suitable for production testing.

These machines are designed to measure hardness of casting, forging, and other metals and alloys of all kinds, hard or soft, whether flat, round or irregular shape.

Separate hydraulic power pack placed at the bottom, makes the design more stable

And easy serviceable.

**Standard Accessories:**

Testing Table Dia.200mm- 1No.

Testing Table Dia.50mm- --

Testing table Dia. & 70mm with "V" Groove for round jobs Dia. 10 to 80mm- 1No

Ball Holder dia. 5mm with T.C. Ball - 1No.

Ball Holder dia. 10mm with T. C. Ball - 1No.

Test Block HB- 5/750 - 1No.

Test Block HB 10/3000 - 1No.

Brinell Microscope - 1No.

Allen Spanner- 4 PCS.

Instruction Manual- 1Book

**We also supply all types of Metallography Equipments**