



# METTECHNIK

One stop solution in Metallurgy Testing

## BRINELL HARDNESS TESTING MACHINE Model: OPFB3000



This machine has developed Brinell Hardness Testing Machine with optical device. Basic machine design and operation is similar to TKB-3000, with built in optical device with 14X magnification provided in front to project diameter of impression on glass screen with micrometer measuring system with 0.01mm least count. In this machine the indenter swivels and projects diameter of ball impression immediately after loading operation which avoids additional time for measurement of ball impression. This is a production testing machine. This is suitable for foundry, forging shops, heat treatment shop, engineering institutions etc.

### Technical Specifications:

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

Initial Load (kgf)– Nil

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

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

Size of base (mm) approx - 1225

Machine height (mm)- 380x740

Net weight (approx kg)- 425

Drive Motor HP- 0.33

Mains Supply- 415V, 50Hz, 3 Ph

Indentation Measurement- Direct reading optical device with 14x magnification.

### **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- 9 PCS.

Instruction Manual- 1Book

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

