



OPTICAL HYDRAULIC BRINELL HARDNESS TESTER



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

BOPF-3000/3000S

**DESCRIPTION:**

Brinell Hardness Testing machine with optical device. Basic machine design and operation is similar to Hydraulic Brinell Hardness tester with built in optical device with 14X magnification provided in front to project diameter of ball impression on glass screen with a micrometer measuring system with 0.01mm least count.

In this machine the indenter swivels and projects diameter of ball impression immediately after unloading operation which avoids additional time for measurement of ball impression. This is a production testing machine and is suitable for foundry, forging shops, heat treatment shops, engineering institutions etc.

TECHNICAL SPECIFICATION:

Model No.	BOPF-3000	BOPF-3000S
Load- kgf	500 to 3000 in stages of 250	187.5, 250, 500 to 3000 in stages of 250
Max. Test Height X Throat (mm)	380 x 200	
Depth of elevating screw below base (mm) (approx)	180	
Machine height (mm) (approx)	1225	
Size of Base (mm) (approx)	380 x 740	
Net Weight Kg (approx)	425	325
Drive motor	0.33-415v/p HP	
Power Supply	415V, 50Hz, 3Ph	
Indentation measurement	Direct Reading Optical Device with 14X Magnifications.	

STANDARD ACCESSORIES:

Item Name	Q'ty
Testing table dia 200mm	1 No.
Testing table dia 70mm with 'V' groove for round jobs dia 10 to 80mm	1 No.
Ball Holder dia 5mm with T.C. Ball	1 No.
Ball Holder dia 10mm with T.C. Ball	1 No.
Test Block HB- 5/750	1 No.
Test Block HB- 10/3000	1 No.
Telescopic cover for elevating screw protection	1 set
Allen Spanner	4 Pcs
Instruction manual	1 Book