



METTECHNIK

One stop solution in Metallurgy Testing

DIGITAL BRINELL HARDNESS TESTING MACHINE MODEL-OPFB-3000-D



Machine designed with fully automatic loading, measuring and built in optical device with 14X magnification provided in front to project diameter of ball impression on glass screen with micrometer measuring system with 0.01 mm least count.

Features:

Highly efficient yet low cost.

Automatic spindle up & down

Dwell time setting

Measuring range up to 6 mm diameter

Confirms to IS : 2281/2005, BS : 240 & ASTM : E-10

Salient Features of Digital System:

User friendly system

21 X 8 Line Display

Keyboard Entry for Serial No, Batch No, Date Time

Ball diameter / Load Selection: 2.5mm/187.5kgf, 5mm/250kgf, 5mm/750kgf, 10mm/500kgf, 10mm/1000kgf, 10mm/3000kgf

Ball Type Selection : Tungsten /Steel

User can set zero and move cursor for X and Y measurement

Direct BHN reading after pressing BHN key

Optional conversion result facility for other scales(Vickers HV, Knoop HK, Tensile Strength KSI, Microficial WMN)

Battery Backup Real Time clock

Results displayed in BIG font

For average option, up to 9 previous readings display while measurement

Batch facility- User can decide no. of samples in batch

Batch wise reports and statistical reports on display as well as on printer

User can scroll report on display with UP/DOWN key

All result report are displayed and printed on Printer

All reports are transferred on serial port

RS232C Port Baud Rate is Programmable

User can use and standard Communication Hyper terminal for capturing data

Or FMI can supply capture software.

500 results are stored in the system.

User can enable auto result store in memory

We also supply all types of Metallography Equipments

