

Optical Brinell Hardness Testing Machine

ITS-3000-O



SCREEN

Optical Screen Assembly attached to machine.

WORKSTAGE SIZE

It is customizable as per customer requirement, std 200mm flat table and 70mm vee table comes with machine.

MEASURING RANGE

1mm- 6mm

FOCUSING

Auto focused optical tube fixed in machine.

WORKPIECE HEIGHT

380 mm

MEASURING SYSTEM

Measure dia on optical screen and attached micrometer after that in user manual provided dia and hardness correlation chart for results.

Throat Depth

200 mm

RESOLUTION

1

MOVEMENT

Sample resting screw Movement manually.
Loading unloading by handle controlled by hydraulic power pack.

POWER SUPPLY

3 Phase with good earthing

LOAD

kgf 250 to 3000 in stages of 250 kgf.

OPTIONAL

Fabricated foundation table,
Different ranges of master test blocks,
5mm and 10mm ball indenters,
Double screw machine for heavy samples,
Brinell image analysis system for computerized reports.