

Optical Vickers Hardness Testing Machine

ITS-V50



SCREEN

Optical Screen Assembly attached to machine.

WORKSTAGE SIZE

It is customizable as per customer requirement, std 50mm flat table and 38mm vee table comes with machine.

MEASURING RANGE

0.1mm- 1mm

FOCUSING

focused optical tube fixed in machine with respect to indentation.

MAXIMUM TEST HEIGHT

200 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

135 mm

RESOLUTION

0.001

MOVEMENT

Sample resting screw Movement manually.
Loading unloading by motor.

POWER SUPPLY

Single Phase with good earthing

LOAD

5,10,20,30,50 kgf.

OPTIONAL

Fabricated foundation table,
Different ranges of master test blocks, indenters,
Double screw machine for heavy samples,
Conversion system for computerized reports.