



METTECHNIK

One stop solution in Metallurgy Testing

Optical Vickers Hardness Testing Machine Model- TV 50



Salient Features:

Table Top sturdy Model

Front projection screen with Micrometer with Optical system List Count of 0.0005 mm

Motorised Loading & Unloading of Loads

Load selection By Indexible Load Selection Knob

Very wide testing range from very soft Metals to Very Hard Metals

Models with minimum 1 Kg Load are available

The illumination light goes off during the application of Load which reduces the operator's fatigue due to continuous light illumination as well as increases Bulb life

State of Art Load Damping system for a very smooth & Jerk free Loading & unloading of applied Load

Machine Confirms to IS: 1754-2002 for Vickers & IS: 2281-2005 / BS240 for Brinell.

TV-50 With Loads 5 to 50 Kgf

Technical Specifications:

Loads (Kgf.) - 5, 10, 20,30 & 50

Maximum Test height (mm)- 200 mm

Depth of throat (mm)- 150 mm

Weight Approx. (Kgf)- 180

Dimension L x W x H mm - 660x180x850 mm

Connected load- 0.1 KVA, 1 Phase AC, 220V, 50 Hz

Standard Accessories:

Flat Table of 100mm Dia -1No.

Vee Table for Specimen- 6 to 80 mm Dia -1No.

Vickers Diamond Indenter -1No.

Ø2.5, 5mm Ball Indenter --

Ø2.5, 5mm Steel Balls --

Vickers test block 1No.

Brinell test block --

Electrical Cord 1No.

Instruction Manual 1No.

We also supply all types of Metallography Equipments