



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

VICKERS HARDNESS TESTING MACHINE

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



BTV-50/50-S

**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.

TECHNICAL SPECIFICATIONS:

| Model No. | BTV-50 | BTV-50-S |
|--------------------------|----------------------------------|-----------------------|
| Loads (Kgf.) | 5, 10, 20, 30 & 50 | 1, 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:

| Item Name | Q'ty |
|---|------|
| Flat Table of 100mm Dia. | 1 No |
| Vee Table for Specimen: 6 to 80 mm Dia. | 1 No |
| Vickers Diamond Indenter | 1 No |
| Vickers test block | 1 No |
| Electrical Cord | 1 No |
| Operate Manual | 1 No |