



# VICKER HARDNESS TESTER



## BTV-250

### **BANBROS ENGINEERING PVT. LTD.**

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Ghaziabad - 201010, Uttar Pradesh  
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The Precision Measurement People

### 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.
- Four model are available :
- BTV-50 With Loads 5 to 50 Kgf
- BTV-250 With loads 5 to 250 Kgf
- BTV-50 (SPL.) With Loads 1 to 50 Kgf
- BTV250 (SPL.) With loads 1 to 250 Kgf

### Technical Specification:

Parameter's	Specification
Load (Kgf)	5, 10, 20 ,30, 50 for Vickers 62.5, 187.5, 250 for Brinell
Maximum Test height (mm)	200 mm
Depth of throat (mm)	150 mm
Weight Approx. (Kgf)	180
Dimension L x W x H mm	660 x 250 x 850 mm
Connected load	0.1 KVA, 1 Phase AC, 220V, 50 Hz

### Standard Assembly:

- Flat Table of 100mm Dia: 1 no.
- Vee Table for Specimen- 6 to 80 mm Dia: 1 no.
- Vickers Diamond Indenter: 1 no.
- Ø2.5, 5mm Ball Indenter: 1 no. each
- Ø2.5, 5mm Steel Balls : 1 no. each
- Vickers test block: 1 no.
- Brinell test block: 1 no.
- Electrical Cord: 1 no.
- Instruction Manual: 1 no.

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