



COMPUTERIZED VICKERS HARDNESS TESTER

MODEL :FV-50-PC



Mastering the fine art of testing

Salient Features:

- Fully Computerized system for measurement of Vickers Hardness indentation display on PC. PC will be supplied by us.
- Vickers hardness is measured using image processing techniques based on conditional edge detection. The complex algorithm conceives into highly accurate, repeatable and faster output than conventional methodology.
- Auto/ Manual measurement modes along with exhaustive analytics built in the system helps capturing all results and analyze at will.
- Specially designed multi element lens system with dual illumination technology offers constant magnification in field of view.
- Active CMOS Sensor, which contains photo detector and an active amplifier offers sharper image than a normal CCD camera.

Technical Specifications :

- Least count of measurement : 0.0005 mm
- Vickers test loads : 5, 10, 20, 30, & 50 kgf
- Selection of test loads : by rotating knob
- Test height x Throat : 225 x 135 mm
- Diagonal measurement range : 0.05 to 0.5 mm
- Indirect Verification : by standard test blocks
- Conforms to standard : IS : 1501-2020
- Machine Sizes (Aprox) (L x W x H) : 585 x 290 x 860 mm
- Total Weight of Machine (Aprox) : 75 kgs (approx)

Standard Accessories :

- Flat Table of 100 mm dia. : 1 no.
- Vee Table for Specimen - 6 to 80 mm dia. : 1 no.
- Vickers Diamond Indentor : 1 no.
- Vickers Hardness Test Block : 1 no.
- Electrical Cord : 1 no.
- Instruction Manual : 1 Book
- PC with Software : 1 no.

Machine Applications :

- Designed for measuring Vickers hardness of steel and metals of all types. Suitable for small, hard and thin specimens and also for case hardened or coated jobs of low case depth.

We can also supply :

- Range of Hardness Testers (Brinell & Rockwell), ● Dynamic Balancing Machines, ● Universal Testing Machines, ● Tensile Testing Machines, ● Dynamic Hardness Tester, ● Impact Testing Machines ● Spring testing Machines. ● Digital Rockwell Hardness Tester

Manufactured by -



FINE SPAVY ASSOCIATES & ENGINEERS PVT. LTD.,

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