

VICKERS TESTING MACHINE - Computerized
Model : VM 50



Features :

- Fully Computerised (PC Based) Vickers Hardness Machine.
- Direct and accurate measurement of Vickers Hardness Number using "State of Art"
- Image processing technology.
- High accuracy and repeatability of measurement at all loads.
- Faster measurement yielding to higher productivity.
- Motorised loading and unloading cycle.
- Small loads allow testing of thin sheet metals.
- 'Wide testing range': from soft metal such as lead up to medium hardened steels.
- Small size of indentation makes it a non-destructive testing on finished components.
- Advanced Window 95/NT based software.

Latest GUI Features :

- Can be connected to Laptop or Desktop PC. Easy to carry anywhere and handy for use with easy setup.
- Minimum Pentium-II with 64 MB RAM.
- Windows 98 Operating System. (PC not included in standard scope of supply.)
- One USB 2.0 and one RS232 (serial) interface (9 pin) is required and it is
- Recommended for Laptop to use external USB to serial converter for RS232 interface

PC requirements :

- Online indentation setting and focusing on PC monitor.
- User-friendly software with all help file and Window Features.
- Advance image processing: Algorithms implemented for precise calculation of hardness numbers with various options to cover all ranges of specimen

SPECIFICATIONS

SPECIFICATIONS	UNIT	VM50PC
Total Lands	kg.	5, 10, 20, 30 & 50
Max. Testing Height	mm	200
Scale least count	mm	0.001
Throat Depth	mm	135
Machine Dimentions	mm	L 585 x W 290 x H 860
Weight (approx)	kg	70
Power Supply		220 V, 50 Hz, 1 Phase

- **Batch file Processing**
Option for data/storage and reports generation.
- **Statistical Evaluation**
Software for calculating standard deviation, mode medium, histogram etc.



MANUFACTURED BY

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