



# VICKERS

## DIGITAL MICROHARDNESS

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# MET-1000Z

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MET-1000Z Digital Micro Vickers hardness tester is equipped with a high resolution color touch screen which is user friendly to operate with its digital measuring eyepiece.

MET-1000Z directly shows test mode, test force, indentation length, dwell time, test numbers, conversion scale, date and time. This unit is also supported by a built on printer as well as RS-232 interface for easy exporting of data to a computer.



# TECHNICAL SPECIFICATIONS

<b>MODEL</b>	<b>MET - 1000Z</b>
Test Force (gf)	10, 20, 50, 100, 200, 300, 500, 1000
Test Force (N)	0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80
Test Range	1HV-2967HV
Hardness Resolution	0.1HV
Test Mode	HV / HK
Loading Method	Automatic (Loading/Dwell/Unloading)
Objective to Indenter	Automatic Shifting
Conversion Scale	HK, HRA, HRBW, HRC, HRD, KREW, HRFW, HRGW, HRKW, HR15N HR30N, HR45N, HR15TW, HR30TW, HR45TW, HS, HBW
Data Output	Built in Printer, RS232 Interface
Hardness Reading	Color Touch Screen, Data Can Be Saved
Eyepiece	10X Digital Measuring Eyepiece
Objective	10X and 40X
Dwell Time	0-60s
Light Source	Halogen Lamp
X-Y Test Table	Size 100x100mm, Travel 25x25mm Resolution 0.01mm
Max Height of Specimen	90mm
Throat	100mm
Power Supply	AC 110, 60 Hz
Execute Standard	ISO 6507, ASTM E384
Dimension: 480x325x545mm	Weight: 31 Kg

## INCLUDED

NAME	QTY	NAME	QTY
Instrument Main Body	1 Set	10 <sup>x</sup> Digital Measuring Eyepiece	1 Piece
Diamond Micro Vickers Indenter	1 Piece	10 <sup>x</sup> , 40 <sup>x</sup> Objective	1 Piece/Each
Weights	6	Weight Axis	1 Piece
Cross Test Table	1 Piece	Flat Clamping Test Table	1 Piece
Thin Specimen Test Table	1 Piece	Filament Clamping Test Table	1 Piece
Horizontal Regulating Screw	4	Level	1 Piece
Fuse 1A	2	Halogen Lamp 12V, 15~20W	1 Piece
Power Cable	1 Piece	Screw Driver	2 Pieces
Hardness Block 400~500 HV0.2	1 Piece	Hardness Block 700~800 HV1	1 Piece
Anti-dust Cover	1 Piece	Usage Instruction Manual	1



USA 4011 Hyde Park Blvd. Niagara Falls NY 14305  
CDN 4065 Stanley Ave. Niagara Falls ON L2E 4Z1

[www.metlabcorp.com](http://www.metlabcorp.com)