



VICKERS KNOOP

DUAL MICROHARDNESS

MET-1000ZD

MET-1000ZD Digital Micro Vickers and Knoop tester is equipped with a high resolution color touch screen which is user friendly to operate with its digital measuring eyepiece. Equipped with both Vickers and Knoop indenters.

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



TECHNICAL SPECIFICATIONS

MODEL	MET - 1000ZD		
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, Vickers and Knoop Indenters		
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, LCD Display		
Eyepiece	10X Digital Measuring Eyepiece		
Objective	10X, 20X and 40X		
Dwell Time	0-95s		
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: 35 Kg		

INCLUDED

NAME	QTY	NAME	QTY
Instrument Main Body	1 Set	10 ^x Digital Measuring Eyepiece	1 Piece
Diamond Micro Vickers Indenter	1 Piece	Diamond Knoop Indenter	1 Piece
10 ^x , 20 ^x , 40 ^x Objective	4 Pieces	Weights	7 Pieces
Power Cable	1 Piece	Cross Test Table	1 Piece
Thin Specimen Test Table	1 Piece	Flat Clamping Test Table	1 Piece
Filament Clamping Test Table	1 Piece	Level	1 Piece
Horizontal Regulating Screw	4 Pieces	Halogen Lamp 12V, 15~20W	1 Piece
Fuse 1A	2 Pieces	Screw Driver	1 Piece
Inner Hexagon Spanner	1 Piece	Color Filter	1 Piece
Plastic Absorbing Plate	1 Piece	Hardness Block 400~500 HV0.2	1 Piece
Hardness Block 700~800 HV1	1 Piece	Hardness Block 700~800 HK1	1 Piece
Anit-dust Cover	1 Piece	Usage Instruction Manual	1 Copy



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

www.metlabcorp.com