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Macro Vickers Hardness Tester

OMEGA-5000-VZ Marco Vicker Tester with Auto Turret

•OMEGA-5000-VZ is semi-automated Macro Vickers hardness testing instrument with auto shifting between indenter and objective lens (Part No. OMEGA-5000-VZ). Features include variable testing forces (1, 2, 2.5, 3, 5, 10, 20, 30 and 50 kilogram load), 10X and 20X objectives, touch screen control, CCD image acquisition system, motorized X-Y table, automatic focusing and automatic measurement. The hardness-depth data output is in Microsoft Word or Excel.

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Technical Specifications:

Feature	OMEGA-5000-VZ Specification
Indenter types	Vickers or Knoop
Objective Magnification	10X and 20X
Loading Method	Automatic (Loading,Dwell/Unloading)
Testing Force (gf)	1, 2, 2.5, 3, 5, 10, 20, 30, 50
Indenter / Measurement	Auto Turret
Testing Range	1 HV ~ 3000 HV
Table Size	4.3 x 4.3-inch (110 x 110 mm)
Maximum Height of Specimen	6.7-inch (170 mm)
Dwell Time	5-60 seconds
Illumination	Halogen
Dimensions (W x D x H)	11 x 21 x 25 inch (280 x 530 x 630mm)
Electrical Specifications	110 or 220V
Standards	ISO 6507 ASTM E92 JIS Z2244 GB/T 4340.2
Weight	77 lbs (35 kg)
Part No.	OMEGA-5000-VZ



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