

1100 SERIES

Clinical Microscopes



Features

- Introductory Level
- Magnification Up To 1000X
- Iris Diaphragm Condenser
- LED Illumination
- 5-Year Warranty



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1100-Series Clinical Microscopes

VanGuard 1100-Series clinical models are full-featured microscopes for the budget-conscious laboratory. Four different viewing heads are available to accommodate almost any application. Magnification up to 1000X.

Various camera packages are available as options; including digital, video, and 35mm systems.

All models feature DIN optics, 10X WideField eyepieces, LED illumination, 1.25 N.A. Abbe condensers, mechanical stages, and are backed by a 5-Year warranty.

Make your lab work better...make it VanGuard.

Technical Specifications

		1111AML	1112AML	1113AML	1115AML
Optical System		Fixed 160mm			
	Type	Monocular	Dual-Monocular	Binocular	Trinocular
Viewing Head		45°			
	Tube Inclination	360°			
	Rotatable	360°			
	Interpupillary	N/A	N/A	55-75mm	
	Dioptric	N/A	N/A	-5 to +5	
Camera Port		N/A	N/A	N/A	20/80 Split
Magnification		10X			
Type		WideField			
Eyepieces		18mm			
Field Diameter		No			
High-Eyepoint		No			
Rubber Eyecups		4			
Nosepiece		Forward			
	Positions	Brightfield			
	Pitch	Achromatic			
Illumination Technique(s)		4X (0.10), 10X (0.25), 40X (0.60), 100X (1.25)			
Type		Yes			
Objectives		Mechanical			
	Magnification (N.A.)	Square			
	DIN Standard	120x120mm			
Type		Drop-Down, Left-Hand, Rack & Pinion			
Stage		60x25mm			
	Shape	Removable Spring Clip			
	Dimensions	Chemical Resistant			
	X-Y Control	Double			
	Cross Travel Range	Coarse/ Fine			
	Slide Holder	Yes			
	Finish	Yes			
Type		40mm			
Focusing		N/A			
	Controls	1.25 N.A. w/ Iris Diaphragm			
	Tension Adjustment	Rack & Pinion			
	Safety Auto-Stop	N/A			
	Focusing Range	LED			
	Precision	N/A			
Type		N/A			
Condenser		LED			
	Focusing Control	N/A			
	Zernike Phase Annuli	Swing-In			
Type		LED			
Illumination		N/A			
	Koehler	Swing-In			
	Filter Holder	Swing-In			
Base		195 x 150mm; Anti-Skid Rubber Feet			
Body		Cast Metal w/ Stain-Resistant Enamel Finish			
Dimensions		195 (L) x 150 (W) x 370 (H) mm			
Weight		5.0kg			
Voltage		110V (220V Available On Request)			
Warranty		5-Year Optical/Mechanical; 1-Year Electrical			
Supplied With		Spare Fuses, Dust Cover, & Operation Manual			



Model 1115AML



Model 1111AML