

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
	Tube Inclination	45°			
	Rotatable	360°			
	Interpupillary	55-75mm			
	Dioptric	-5 to +5			
Camera Port		N/A	N/A	N/A	20/80 Split
	Magnification	10X			
	Type	WideField			
	Field Diameter	18mm			
	High-Eyepoint	No			
	Rubber Eyecups	No			
Nosepiece	Positions	4			
	Pitch	Forward			
	Illumination Technique(s)	Brightfield			
	Type	Achromatic			
	Magnification (N.A.)	4X (0.10), 10X (0.25), 40X (0.60), 100X (1.25)			
	DIN Standard	Yes			
	Type	Mechanical			
	Shape	Square			
	Dimensions	120x120mm			
	X-Y Control	Drop-Down, Left-Hand, Rack & Pinion			
	Cross Travel Range	60x25mm			
	Slide Holder	Removable Spring Clip			
	Finish	Chemical Resistant			
	Type	Double			
	Controls	Coarse/ Fine			
	Tension Adjustment	Yes			
	Safety Auto-Stop	Yes			
	Focusing Range	40mm			
	Precision	N/A			
	Type	1.25 N.A. w/ Iris Diaphragm			
	Focusing Control	Rack & Pinion			
	Zernike Phase Annuli	N/A			
	Type	LED			
	Koehler	N/A			
	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