

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



Model 1115AML



Model 1111AML



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