

# VAN GUARD

## 1200ZL SERIES

### Stereo Microscopes

#### Features

- Precision Optics
- Upper & Lower LED Illumination
- Zoom Magnification (6.5:1)
- Optional Eyepieces & Lenses
- 5-Year Warranty

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## 1200ZL-Series Stereo Microscopes

VanGuard 1200ZL-Series Stereo Microscopes feature precision optics to ensure the highest level of performance for inspection and dissection. All models also come with upper and lower LED illumination to provide the brightest and most energy-efficient lighting available on the market.

Zoom magnification of 0.7X to 4.5X (6.5:1) is available on binocular and trinocular heads to produce high-resolution, three-dimensional images.

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

All models feature 10X WideField eyepieces and are backed by 5-Year warranties. Optional eyepieces and supplementary lenses are available to customize any model for specific magnification requirements.

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



## Technical Specifications

		1271ZL	1272ZL
<b>Optical System</b>		Greenough	Greenough
	Type	Binocular	Trinocular
	Tube Inclination	45°	45°
<b>Viewing Head</b>	Rotatable	360°	360°
	Interpupillary	55 to 90mm	55 to 90mm
	Dioptric	-5 to +5	-5 to +5
<b>Camera Port</b>		N/A	50/50 Split
	Magnification	10X	10X
<b>Eyepieces</b>	Type	WideField	WideField
	Field Diameter	20mm	20mm
	High-Eyepoint	N/A	N/A
	RubberEyecups	Yes	Yes
	Optional	15X (15mm F.D.) & 20X (12mm F.D.)	15X (15mm F.D.) & 20X (12mm F.D.)
<b>Zoom Objectives</b>		0.7X to 4.5X	0.7X to 4.5X
<b>Supplementary Lenses</b>	Optional	0.5X, 1.0X, 1.5X, & 2.0X	0.5X, 1.0X, 1.5X, & 2.0X
<b>Working Distance</b>		93mm	93mm
<b>Stage</b>	Plate	Frosted & Black / White Reversible	Frosted & Black / White Reversible
	Clips	Stainless Steel, Spring-Loaded, Locked-On	Stainless Steel, Spring-Loaded, Locked-On
<b>Focusing Movement</b>		Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism
<b>Vertical Travel</b>		85mm	85mm
<b>Illumination</b>	Upper	LED	LED
	Lower	LED	LED
<b>Base</b>		245 x 205mm	245 x 205mm
<b>Body</b>		Ergonomic; Stain Resistant	Ergonomic; Stain Resistant
<b>Dimensions</b>		305 (L) x 220 (W) x 430 (H)mm	305 (L) x 220 (W) x 430 (H)mm
<b>Weight</b>		5.5kg	5.5kg
<b>Voltage</b>		110V (220V Available On Request)	110V (220V Available On Request)
<b>Fuse</b>		1A, 250V	1A, 250V
<b>Warranty</b>		5-Year Optical / Mechanical; 1-Year Electrical	5-Year Optical / Mechanical; 1-Year Electrical
<b>Supplied With</b>		1A, 250V Fuse, Spare (1), Eyecup (2), Dust Cover, (1), Operation Manual (1)	1A, 250V Fuse, Spare (1), Eyecup (2), Dust Cover, (1), Operation Manual (1)



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