

# VAN GUARD

## 1300ZL SERIES



**VAN GUARD®**  
INFINITE ♦ SOLUTIONS

- Precision Optics
- Upper and Lower LED Illumination
- Zoom Magnification (6.5:1)
- Optional Eyepieces
- Binocular and Trinocular
- Mechanical Stage Option

1612254

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## 1300ZL-Series Stereo Microscopes

VanGuard 1300ZL-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 and video systems.

All models feature 10 Ultra 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

		1371ZL	1372ZL
Optical System	Type	Greenough	Greenough
	Binocular		Trinocular
Viewing Head	Tube Inclination	45°	45°
	Rotatable	360°	360°
	Interpupillary	55 to 90mm	55 to 90mm
	Dioptric	-5 to +5	-5 to +5
Camera Port		N/A	50/50 Split
Eyepieces	Magnification	10X	10X
	Type	Ultra WideField	Ultra WideField
	Field Diameter	22mm	22mm
	Rubber Eyecups	Yes	Yes
	Optional	15X(15mm F.D.) 20X(12mm F.D.) 25X(9mm F.D.)	15X(15mm F.D.) 20X(12mm F.D.) 25X(9mm F.D.)
Zoom Objectives		0.7X to 4.5X	0.7X to 4.5X
Working Distance		88mm	88mm
Stage	Plate	Translucent Acrylic	Translucent Acrylic
	Clips	Stainless Steel, Spring-Loaded	Stainless Steel, Spring-Loaded
Focusing Movement		Dual Knobs; Rack & Pinion Assembly, Tension Control	Dual Knobs; Rack & Pinion Assembly, Tension Control
Vertical Travel		125mm	125mm
Illumination	Upper	LED	LED
	Lower	LED	LED
Base		290 x 260mm	290 x 260mm
Body		Ergonomic; Stain Resistant	Ergonomic; Stain Resistant
Dimensions		350 (L) x 260 (W) x 405 (H)mm	350 (L) x 260 (W) x 405 (H)mm
Weight		4.9kg	4.9kg
Voltage		110V (220V Available On Request)	110V (220V Available On Request)
Warranty		5-Year Optical/Mechanical; 1-Year Electrical	5-Year Optical/Mechanical; 1-Year Electrical
Supplied With		Eyecup (2), Dust Cover, (1), Operation Manual (1)	Eyecup (2), Dust Cover, (1), Operation Manual (1)



Mechanical Stage Option for:  
Fine Control over X-Y movement.  
(105mm W X 103mm D)  
Installation Required  
Cat No. M1305-0001

**⚠ WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov) VGBRC0828181300ZL-Series



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