

1200SL SERIES

Stereo Microscopes

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Features

- Precision Optics
- Upper & Lower LED Illumination
- Dual-Magnification
- Optional Eyepieces & Lenses
- 5-Year Warranty

VAN GUARD®
INFINITE • SOLUTIONS





1200SL-Series Stereo Microscopes

VanGuard 1200SL-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.

Four different dual magnification configurations are available (1X & 2X, 1X & 3X, 2X & 4X, and 1X & 4X) on binocular heads which 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

		1252SL	1253SL	1254SL	1255SL
Optical System	Type	Greenough	Greenough	Greenough	Greenough
	Binocular	Binocular	Binocular	Binocular	Binocular
Viewing Head	Tube Inclination	45°	45°	45°	45°
	Rotatable	360°	360°	360°	360°
	Interpupillary	51 to 77mm	51 to 77mm	51 to 77mm	51 to 77mm
	Dioptric	-5 to +5	-5 to +5	-5 to +5	-5 to +5
Camera Port		N/A	N/A	N/A	N/A
	Magnification	10X	10X	10X	10X
Eyepieces	Type	WideField	WideField	WideField	WideField
	Field Diameter	20mm	20mm	20mm	20mm
	High-Eyepoint	N/A	N/A	N/A	N/A
	RubberEyecups	Yes	Yes	Yes	Yes
Stereo Objectives	Optional	15X (15mm F.D.) & 20X (12mm F.D.)	15X (15mm F.D.) & 20X (12mm F.D.)	15X (15mm F.D.) & 20X (12mm F.D.)	15X (15mm F.D.) & 20X (12mm F.D.)
		1X & 2X	1X & 3X	2X & 4X	1X & 4X
Supplementary Lenses	Optional	0.5X, 1.0X, 1.5X, & 2.0X	0.5X, 1.0X, 1.5X, & 2.0X	0.5X, 1.0X, 1.5X, & 2.0X	0.5X, 1.0X, 1.5X, & 2.0X
		102mm	102mm	102mm	102mm
Working Distance		102mm	102mm	102mm	102mm
Stage	Plate	Frosted & Black / White Reversible	Frosted & Black / White Reversible	Frosted & Black / White Reversible	Frosted & Black / White Reversible
	Clips	Stainless Steel, Spring-Loaded, Locked-On	Stainless Steel, Spring-Loaded, Locked-On	Stainless Steel, Spring-Loaded, Locked-On	Stainless Steel, Spring-Loaded, Locked-On
Focusing Movement		Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism
		Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism
Vertical Travel		65mm	65mm	65mm	65mm
		65mm	65mm	65mm	65mm
Illumination	Upper	LED	LED	LED	LED
	Lower	LED	LED	LED	LED
Base		245 x 205mm	245 x 205mm	245 x 205mm	245 x 205mm
Body		Ergonomic; Stain Resistant	Ergonomic; Stain Resistant	Ergonomic; Stain Resistant	Ergonomic; Stain Resistant
Dimensions		305 (L) x 220 (W) x 400 (H)mm	305 (L) x 220 (W) x 400 (H)mm	305 (L) x 220 (W) x 400 (H)mm	305 (L) x 220 (W) x 400 (H)mm
Weight		5.5kg	5.5kg	5.5kg	5.5kg
Voltage		110V (220V Available On Request)	110V (220V Available On Request)	110V (220V Available On Request)	110V (220V Available On Request)
Fuse		1A, 250V	1A, 250V	1A, 250V	1A, 250V
Warranty		5-Year Optical / Mechanical; 1-Year Electrical	5-Year Optical / Mechanical; 1-Year Electrical	5-Year Optical / Mechanical; 1-Year Electrical	5-Year Optical / Mechanical; 1-Year Electrical
Supplied With		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)	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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Printed in the USA
No. PS062010PSMS1200SLSR-L-A



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