1200ZP & 1200ZB Series

- **Professional Level**
- **Zoom Magnification (6.5:1)**
- **Pole Stand Or Boom Stand Bases**
- **Precision Optics**

VanGuard 1200ZP & 1200ZB Series Stereo Microscopes feature a zoom magnification range of 7X to 45X (w/ 10X eyepieces). The precision stereo optics produce high-resolution, three-dimensional images. Choose from pole stand or boom stand bases. Optional eyepieces and supplementary lenses are available to customize any model for specific magnification requirements.

VAN GUARD®

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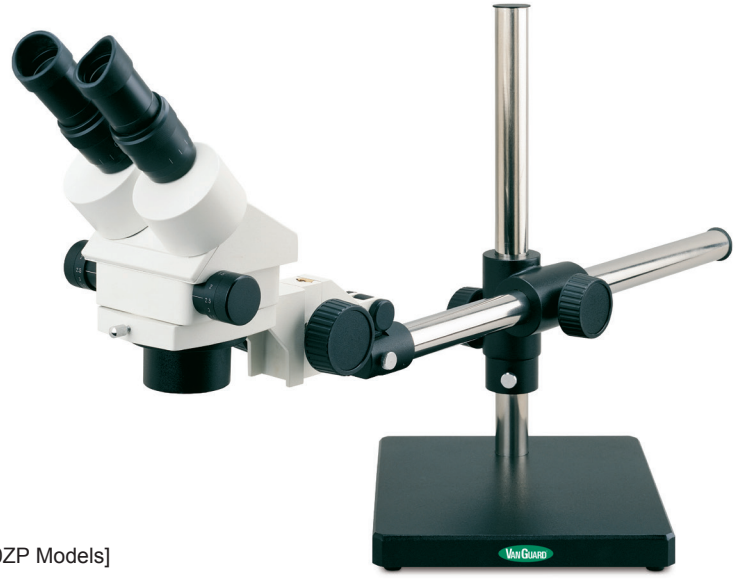
Specifications



Viewing Head:	Binocular or Trinocular
Head Rotation:	360°
Head Inclination:	45°
Interpupillary Adjustment:	55-90mm
Dioptric Adjustment:	-5 to +5
Eyepiece Magnification:	10X Widefield
Eyepiece Field Number:	20mm
Optional Eyepieces:	15X (Field Diameter: 15mm) 20X (Field Diameter: 12mm)
Optional Supplementary Lenses:	0.5X, 1.0X, 1.5X, & 2.0X
Stereo Zoom Objectives:	0.7X to 4.5X
Working Distance:	93mm
Pod Ring I.D.:	85mm
Stage Plate:	Black/White Reversible [1200ZP Models]
Stage Clips:	Stainless Steel, Spring-Loaded, Locked-On [1200ZP Models]
Focusing Movement:	Dual Knobs; Rack & Pinion Assembly; Tension Control; Slip-Clutch Mechanism
Vertical Travel:	85mm
Upper Illumination:	None
Lower Illumination:	None
Horizontal Base Pole:	500mm Length; 415mm Travel [1200ZB Models]
Vertical Base Pole:	165mm Length; 100mm Travel [1200ZP Models] 390mm Length; 300mm Travel [1200ZB Models]
Base Dimensions:	190mm x 150mm [1200ZP Models] 240mm x 260mm [1200ZB Models]
Overall Dimensions:	190mm (L) x 150mm (W) x 430mm (H) [1200ZP Models] 815mm (L) x 240mm (W) x 420mm (H) [1200ZB Models]
Weight:	5.6kg [1200ZP Models] 11.5kg [1200ZB Models]
Supplied With:	Eyecup (2), Dust Cover, Operation Manual

Magnification Configurations

Eyepieces	Supplementary Lens	Zoom Range	Field of View (mm)	Working Distance (mm)
10X	0.5X	3.5X to 22.5X	57.0 to 8.8	150
10X	1.0X / None	7X to 45X	28.5 to 4.4	93
10X	1.5X	10.5X to 67.5X	19.0 to 3.0	49
10X	2.0X	14X to 90X	14.2 to 2.2	34
15X	0.5X	5.25X to 33.75X	42.8 to 6.6	150
15X	1.0X / None	10.5X to 67.5X	22.0 to 3.4	93
15X	1.5X	15.75X to 101.25X	14.2 to 2.2	49
15X	2.0X	21X to 135X	11.0 to 1.7	34
20X	0.5X	7X to 45X	34.0 to 5.3	150
20X	1.0X / None	14X to 90X	17.0 to 2.6	93
20X	1.5X	21X to 135X	11.0 to 1.7	49
20X	2.0X	28X to 180X	8.5 to 1.3	34

Ordering Information

Model	Head	Zoom Range (Primary)	Stand	Upper/Lower Illumination
1275ZP	Binocular	0.7X to 4.5X	Pole	None
1276ZP	Trinocular	0.7X to 4.5X	Pole	None
1277ZB	Binocular	0.7X to 4.5X	Boom	None
1278ZB	Trinocular	0.7X to 4.5X	Boom	None

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