



ESD Safe Coating Built-In LED Ring Light Includes 10x Eyepieces 6.7x—50x Magnification High-Grade Optics Unibody Design Zoom, Focus, & LED Brightness Knobs Fine & Course Focusing

V1_01-2018

ESD Safe SPZ-50E Stereo Zoom Binocular Microscope on Stand PLED

FEATURES

- Multi-coated optical components, including ESD safe coated scope body and stand
- Magnification: 6.7x-50x with included 10x eyepieces
- PLED stand with built-in focus mount and 60-LED ring light with brightness adjustment
- Best-in-class, large zoom ratio
- Easy adjust C-mount camera adapter for fine focusing

Premium Grade, Comfortable Inspection

Aven's **ESD Safe** SPZ-50E Stereo Zoom Binocular Microscope on Stand PLED offers the best-in-class zoom ratio with super sharp 3D images, wide field of view, and long working distance. Unibody construction and multi-coated optical components assure excellent contrast and definition of 3D images from edge-to-edge. The **ESD Safe** coating is designed to meet the needs of applications in static-sensitive environments. A 60-LED ring light with a dimmer control is built into the focus mount, which has coarse and fine focusing for precise control.



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POWERFUL EYEPIECES

At 45-degrees, the standard high eye point wide field 10x eyepieces ensure comfortable viewing for all operators, including those who require eyeglasses.

SPZ-50E STEREO ZOOM BINOCULAR

Illumination 60 white LEDs Eyepieces 10x wide field (FN: 23) 45° inclined Objective Lens 0.67x—5.0x Magnification 6.7x—50x Working Distance 108mm (4.25in) Zoom Ratio 7.46:1 Field of View 34.3mm—3.6mm Interpupillary Distance 52mm—75mm Diopter Adjustment +/- 7.2 D in both eyepiece tube Optical System Greenough Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height 250mm (9.84in) Weight 15lbs SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin Suggested Retail Price \$1200.00	Item #	SPZ-50E
Objective Lens Object	Illumination	60 white LEDs
Magnification Magnification Morking Distance Zoom Ratio Zoom Ratio T.46:1 Field of View 34.3mm—3.6mm Interpupillary Distance Diopter Adjustment Optical System Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height Veight SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Eyepieces	10x wide field (FN: 23) 45° inclined
Working Distance 108mm (4.25in) Zoom Ratio 7.46:1 Field of View 34.3mm—3.6mm Interpupillary Distance 52mm—75mm Diopter Adjustment +/- 7.2 D in both eyepiece tube Optical System Greenough Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height 250mm (9.84in) Weight 15lbs SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Objective Lens	0.67x-5.0x
Zoom Ratio 7.46:1 Field of View 34.3mm—3.6mm Interpupillary Distance Diopter Adjustment Optical System Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height Veight SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Magnification	6.7x—50x
Field of View 34.3mm—3.6mm Interpupillary Distance 52mm—75mm Diopter Adjustment Optical System Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate Pole/Track Height Weight SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Working Distance	108mm (4.25in)
Interpupillary Distance Diopter Adjustment Optical System Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height Veight SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Zoom Ratio	7.46:1
Diopter Adjustment +/- 7.2 D in both eyepiece tube Optical System Greenough Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height 250mm (9.84in) Weight 15lbs SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Field of View	34.3mm—3.6mm
Optical System Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate Pole/Track Height Weight Package Contents SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Interpupillary Distance	52mm—75mm
Stand Type Pole with built-in LED ring light with dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height Veight 15lbs SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Diopter Adjustment	+/- 7.2 D in both eyepiece tube
Stand Type dimmer control Base Dimensions 220mm x 284mm Stage Plate None Pole/Track Height 250mm (9.84in) Weight 15lbs Package Contents SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Optical System	Greenough
Stage Plate Pole/Track Height Weight SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Stand Type	
Pole/Track Height 250mm (9.84in) Weight 15lbs SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin	Base Dimensions	220mm x 284mm
Weight SPZ-50 Body, Stand PLED 26800B- Package Contents SPZ-50 Body, Stand PLED 26800B- 512, dust cover, rubber eye guards, tension control pin	Stage Plate	None
Package Contents SPZ-50 Body, Stand PLED 26800B- 512, dust cover, rubber eye guards, tension control pin	Pole/Track Height	250mm (9.84in)
Package Contents 512, dust cover, rubber eye guards, tension control pin	Weight	15lbs
Suggested Retail Price \$1200.00	Package Contents	512, dust cover, rubber eye guards,
	Suggested Retail Price	\$1200.00

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SPZ-50E SPZV-50E Trade Show.indd 1 1/17/2018 5:48:34 PM





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ESD-Safe Coating Built-In LED Ring Light Includes 10x Eyepieces 6.7x—50x Magnification

High-Grade Optics Unibody Design Zoom, Focus, &
LED Brightness
Knobs
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Stereo Zoom Microscope on Stand PLED

FEATURES

- Multi-coated optical components, including ESD safe coated scope body and stand
- Magnification: 6.7x-50x with included 10x eyepieces
- PLED stand with built-in focus mount and 60-LED ring light with brightness adjustment
- Best-in-class, large zoom ratio
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ESD Safe SPZV-50E True Trinocular Stereo Zoom Microscope offers the best-in-class zoom ratio with super sharp 3D images edge-to-edge, wide field of view, and long working distance. It is an exceptional choice for inspection, and capturing and viewing images on a monitor. The **ESD Safe** coating is designed to meet the needs of applications in static-sensitive environments. A 60-LED ring light with a dimmer control is built into the focus mount, which has coarse and fine focusing for precise control.



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POWERFUL EYEPIECES

At 45-degrees, the standard high eye point wide field 10x eyepieces ensure comfortable viewing for all operators, including those who require eyeglasses.

SPZV-50E TRINOCULAR STEREO ZOOM

Item #	SPZV-50E
Illumination	60 white LEDs
Eyepieces	10x wide field (FN: 23)
Working Distance	108mm
Magnification	3.35x-200x
Zoom Ratio	7.46:1
Diopter Adjustment	On both eye tubes: +5.6D72D
Field of View	34.3mm—3.6mm
Interpupillary Distance	52mm—75mm
Optical System	Greenough
Stand Type	Pole with built-in LED ring light with dimmer control
Base Dimensions	220mm x 284mm
Package Contents	SPZ-50 Body, Stand PLED 26800B-512, dust cover, rubber eye guards, tension control pin
Suggested Retail Price	\$1655.00

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