



Tools for
Advancing
Innovation

LED Ring Light 20,000 Hours High-Output LED Illumination	6.7x - 50x Continuous Zoom 10x Eyepieces	Trinocular Body View Through Eyepieces or Monitor Simultaneously	Large Working Distance Wide Field of View
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SPZV-50

Stereo Zoom Microscope

W/ Single Arm Boom Stand and Integrated Ring Light

Aven's SPZV-50 stereo zoom microscope provides crisp clear 3D images, long working distance and a wide field of view. 6.7x to 50x continuous zoom with 10x eyepieces. The C-Mount trinocular port on the top of the microscope is designed to be used with an external camera, giving operators the ability to view through the microscope eyepieces or on a monitor.

Includes Aven's Single Arm Boom Stand with an integrated table clamp. The 18" horizontal arm easily glides to the required position. Comes complete with Aven's E-Arm focus mount with an integrated LED ring light and LED adjustment controller.

SPZV-50 Stereo Zoom Microscope

- View images through the eyepiece or a monitor simultaneously
- Click stop zoom adjustment for accurate measuring
- Easy adjust C-mount camera adapter for fine focusing
- Large zoom ratio 7.46:1 - best zoom ratio in class
- Field of View 34.3mm to 3.6mm (1.35" to 0.14")
- Working distance 108mm (4.25") -the best in class
- 17mm (0.67") high eye point wide field 10x eyepieces (field number 23) for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes

E-Arm Focus Mount with LED Ring Light

- E-Arm compatible with boom stands and articulating arm stands
- 60 Integrated LED ring light with dimmer control
- Minimum 20,000 hours of high-output LED illumination
- Fits Aven's binocular and trinocular microscopes
- Low power consumption

Single Arm boom Stand with Table Clamp

- Perfect for stationary video and microscopy applications especially where vibrations can disrupt your work
- 16" (406mm) x 1 1/2" (38mm) OD stainless steel vertical
- 18" (457mm) x 1 1/2" (38mm) OD aluminum horizontal

SPZV-50 Stereo Zoom Microscope W/ Ring Light And Single Arm Boom Stand	
Item Number	SPZV50-209-525
Magnification	6.7x-50x
Zoom Ratio	7.46:1
Body	Trinocular
Illumination	LED Ring Light
Working Distance	108mm 4.3in
Eye Pieces	10x wide field (FN:23)
Package Contents	Stereo Zoom Microscope E-Arm Focus Mount with LED Ring Light Single Arm Boom Stand with Table Clamp

The AVEN Advantage

Straight Light Path

Single light path with one bend prevents image distortion

Custom Make Prisms

Prisms custom designed to fit precisely eliminating gaps for dust and contamination

Unibody Construction

Assures constant prism alignment

Grease-less Nylon Gears

Industrial strength gears with tight tolerances

Single Gear Objective Lens Movement

Keeps the objective lenses aligned for the life of the microscope

