



Tools for  
Advancing  
Innovation

<b>LED Ring Light</b>	<b>6.7x-50x Magnification</b>	<b>Articulating Arm</b>	<b>Large Working Distance</b>
20,000 Hours High-Output LED Illumination	<b>10x Eyepieces</b>	Smooth Movement And Excellent Stability	<b>Wide Field of View</b>



# SPZV-50

## Stereo Zoom Microscope

### W/ Articulating Arm 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.

The articulating arm is great for examining parts attached to a large or awkward shaped item. Can be easily moved out of the way when microscope is not in use to create more bench space. Comes complete with Aven's E-Arm focus mount with an integrated LED ring light and LED adjustment controller.

### SPZV-50 Stereo Zoom Microscope

- 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

### Articulating Arm Stand with Table Clamp

- Allows great flexibility in positioning microscopes
- Can be moved out of way when not in use
- All metal construction

SPZV-50 Stereo Zoom Microscope W/ Ring Light And Articulating Arm Stand	
Item Number	SPZV50-209-550-PCL
Magnification	6.7x-50x
Zoom Ratio	7.46:1
Body	Trinocular
Illumination	LED Ring Light
Working Distance	108mm
Eye Pieces	10x wide field
Package Contents	Stereo Zoom Microscope E-Arm Focus Mount with LED Ring Light Articulating Arm 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

