



Tools for  
Advancing  
Innovation

**LED Ring Light**  
20,000 Hours  
High-Output  
LED Illumination

**6.7x - 50x  
Continuous  
Zoom**  
**10x  
Eyepieces**

**Dual Arm  
Boom  
Stand**  
Smooth  
Movement  
And Excellent  
Stability

**Large  
Working  
Distance**  
**Wide Field  
of View**



# SPZ-50

## Stereo Zoom Microscope

### W/ Dual Arm Boom Stand and Integrated Ring Light

Aven's SPZ-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.

Includes Aven's Double Arm Boom Stand with an integrated table clamp. The 22.4" 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.

### SPZ-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

### Dual Arm boom Stand with Table Clamp

- Table clamp provides excellent stability
- Allows positioning of microscopes over large area
- Heavy duty all metal construction for durability
- Posts are highly polished for smooth operation
- Table clamp securely attaches to your work surface and saves table space

SPZ-50 Stereo Zoom Microscope W/ Ring Light And Dual Arm Boom Stand	
Item Number	SPZ50-209-536
Magnification	6.7x-50x
Zoom Ratio	7.46:1
Body	Binocular
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 Dual 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

