AVEN
Tools for Advancing Innovation™

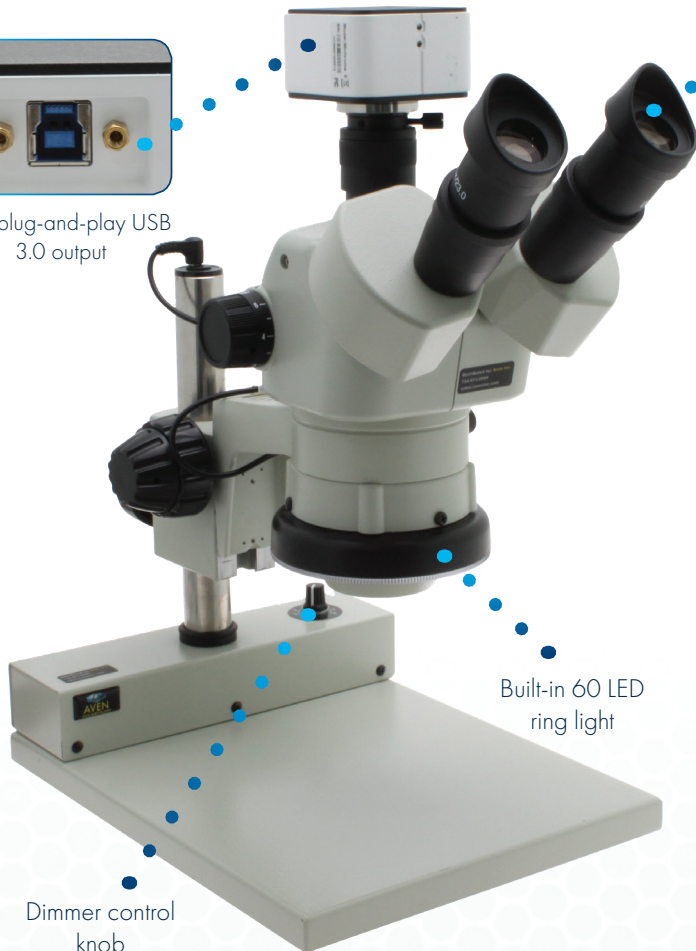| Dual View	High-Grade Optics	Imaging Software	PLED Stand
Monitor and Eyepieces	Unibody Design	Capture, share, measure image	Built-in Dimmer Knob

SPZV-50 Trinocular System on PLED
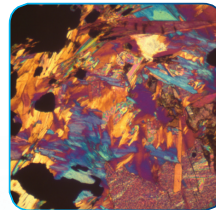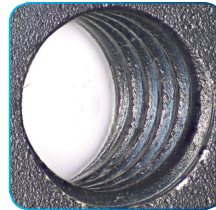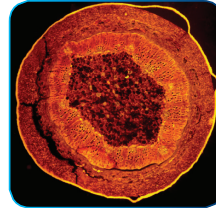## with Mighty Cam USB 3.0 6M CMOS Camera + Software

Easy plug-and-play USB 3.0 output

6.7x-50x magnification

Built-in 60 LED ring light

Dimmer control knob

FEATURES

- Magnification: 6.7x—50x with included 10x eyepieces

- Best-in-class large zoom ratio

- Easy plug-and-play USB 3.0 6 megapixel CMOS camera

- Mighty Cam 3.0 USB camera with imaging and measurement software

- 60 built-in LED ring light with dimmer control

- Fine and coarse focus adjustment

High Magnification and Superior Optics

Aven's SPZV-50 Stereo Zoom Trinocular Microscope offers the best-in-class zoom ratio with super sharp 3D images, wide field of view, and long working distance. A 60-LED ring light is built into the focus mount and illumination is adjustable with the dimmer control knob. The focus mount also provides coarse focus adjustments. The Mighty Cam 3.0 USB has an effortless plug-and-play function and imaging and measurement software allows for image measurement, live image capture sharing, and more. Monitor not included.
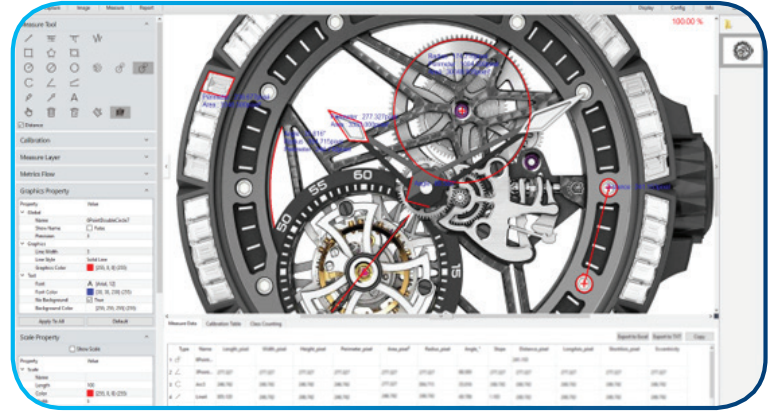
SPZV-50 STEREO ZOOM TRINOCULAR MICROSCOPE SYSTEM WITH MIGHTY CAM USB CAMERA AND SOFTWARE

Item #	26800B-383
Illumination	60 LED Ring Light
Eyepieces	10x wide field (FN: 23) 45° inclined
Magnification	6.7x—50x
Working Distance	108mm / 4.25in without auxiliary lens
Zoom Ratio	7.46:1
Field of View	34.3mm—3.6mm / 1.4in—0.14in
Interpupillary Distance	52mm—75mm / 2.05in—2.6in
Diopter Adjustment	+5.6D-.72D in both eyepiece tube
Optical System	Greenough
Stand Type	PLED
Package Contents	SPZ-50E Body, Focus Mount with Ring Light 26200B-207, Mighty Cam USB 26100-244 w/ imaging software
Price	$2,782.14

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Mosaic 2.0
Mac and PC Imaging Software
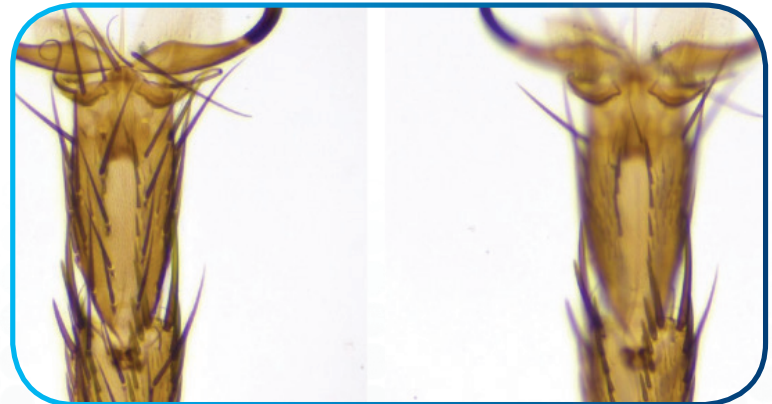
Measure, Annotate, Record Video

Adjust, annotate, and capture images to share. Records video and measures shapes instantaneously. Auto settings include color scale and white balance, manual settings include gain, noise reduction, gamma, and flat field correction.

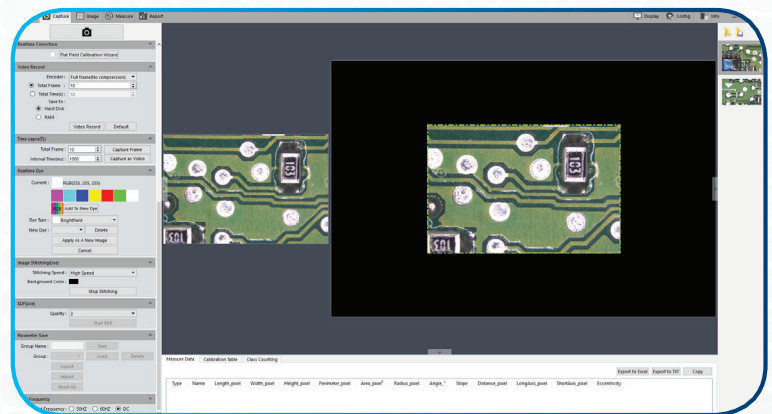Measure shapes and capture images and video

Adjust Depth of Field

Mosaic 2.0 software is equipped with real-time depth of field fusion. By adjusting the focus ring, different depth of field points are captured while generating clear depth of field images.

Adjust the depth of field in real time

Real-Time Image Stitching

The "real time stitching" function generates large-sized mosaic images in seconds by moving the subject under the lens.

A 160 megapixel panoramic image obtained through real time stitching

MOSAIC 2.0 SOFTWARE

CONFIGURATION	CPU: Intel Core i5 or better (Quad or more Core), RAM: 8G or more, OS: Windows 7/8/10 64bit
SETTINGS	Auto: color scale, white balance Manual: gain, noise reduction, gamma, flat field correction

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