



Tools for  
Advancing  
Innovation

Included Software  
Mosaic 2.1

21x - 135x Magnification w/ Eyepiece  
71x - 495x Magnification On-screen

Integrated Features  
11.6" 1080p HD Monitor

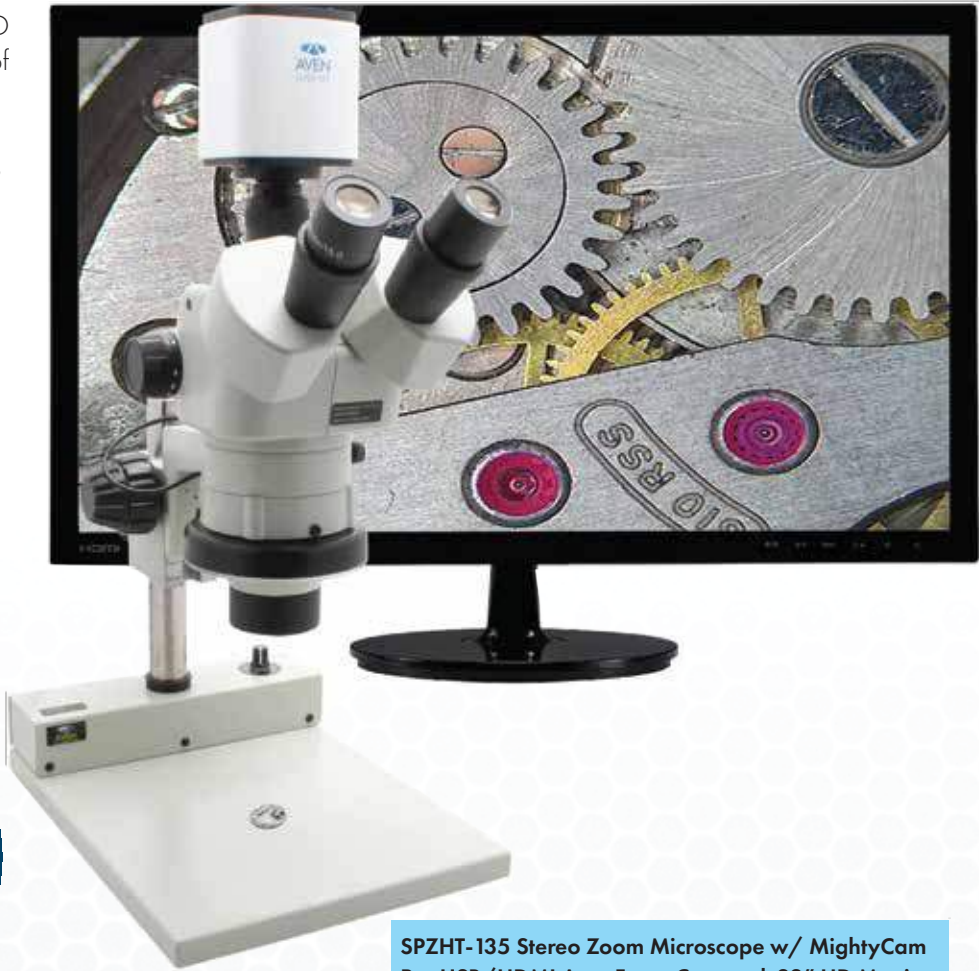
Ergonomically Designed  
Ease of use with Monitor

# SPZHT-135

## Stereo Zoom Microscope

W/ Mighty Cam Pro USB/ HDMI Auto Focus Camera  
on PLED Stand and 22" HD Monitor Included

True trinocular microscope. Provides crisp clear 3D images, long working distance and a wide field of view. 21x to 135x continuous optical zoom with 15x eyepieces. Includes Aven's Mighty Cam Pro USB+HDMI autofocus camera. View live images on an HD monitor or on a computer via the included Mosaic software. The camera also features an SD card slot for capturing images without a PC, as well as on-screen measurement tools for use in HDMI mode.



### Features:

- View images through the eyepiece or a monitor simultaneously
- Microscope Magnification Range 21x - 135x
- On-Screen Magnification Range 71x - 495x
- 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
- Diopter adjustment on both eyepiece tubes
- Features both USB and HDMI outputs for viewing on an HD monitor or your computer
- Mosaic software included. View live images, capture high resolution images and videos, measure, annotate, draw, create panoramic images, and more.
- SD card port included for image capture without a computer
- Achieve instant auto focus with no need to adjust the optical lens

### SPZHT-135 Stereo Zoom Microscope w/ MightyCam Pro USB/HDMI Auto Focus Cam and 22" HD Monitor

Item Number	DSZV-44-258-512
Body	Trinocular
Resolution	2MP 1920x1080
Magnification	21x-135x   71x-495x On-Screen
Outputs	HDMI, USB2.0 and SD Card
PC Software	Mosaic 2.1
Eye Pieces	1.5x wide field
Package Contents	Mighty Cam Pro USB/HDMI Auto Focus SPZHT-135 Stereo Zoom Microscope PLED Stand and 22" HD Monitor



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Included  
Software  
**Mosaic 2.1**

HDMI, USB  
and SD Card  
Outputs  
Capture & Save  
Images Directly  
To SD Card

Fiber Optic  
LED  
Bright  
Shadow-Free  
Illumination

21x-135x  
Optical  
Magnification  
71x- 459x  
On-Screen  
Magnification



# SPZHT135

## Stereo Zoom Trinocular Microscope On Ultra Glide Boom Stand, FOI W/ Mighty Cam Pro

High definition 1080P auto focus inspection system with a 22" monitor offering superb image quality at 60 frames per second. You can operate this system with or without a PC. Without a PC camera connects directly to the included HDMI monitor. View and record images and perform measurements using the included on screen tools. Images & videos can be saved to the included SD card. Connect the camera to a PC to utilize more advance features in the included software. The included Fiber Optic LED provides bright, shadow-free illumination.

### Features:

- Fast auto focus camera achieves instant clear images with no need to adjust the lens
- Camera features HDMI and USB outputs
- Inspect directly on an HD monitor or from a computer
- Advanced imaging/measurement software included
- 21x - 135x optical magnification , 71x - 459x on-screen magnification
- Click-Stop zoom knobs allow operators to make accurate measurements
- View through the microscope or or the HD monitor
- Save high resolution image/video files
- Built-in measurement program, no PC required
- HDMI and USB outputs for connection to PC or HD monitor
- Includes advanced measurement software for use in PC mode
- Outstanding Depth of Field

Stereo Zoom Trinocular Microscope SPZHT-135 On Ultra Glide Boom Stand, FOI With Mighty Cam Pro	
Item Number	26800B-373-13-PRO
Magnification	21x-135x   71x-259x (on screen)
Resolution	2MP 1920x1080
Frame Rate	60 fps @HDMI, 30fps @USB2.0
Video Recording	30fps @SD Card, 30 fps @PC
Outputs	HDMI, USB2.0 and SD Card
PC Software	Mosaic 2.1
Package Contents	Mighty Cam Pro, Stereo Zoom Microscope, Ultra-Glide Arm Stand, E-Arm Focus Mount, Fiber Optic Illuminator 24W, Fiber Optic Ring Light, Ring Light Adapter, 22" LCD HD Monitor



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

**21x-135x  
Magnification**  
**15x  
Eyepieces**

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

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



# SPZHT-135

## Stereo Zoom Microscope

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

Aven's SPZHT-135 stereo zoom microscope provides crisp clear 3D images, long working distance and a wide field of view. 21x - 135x magnification. This microscope features a trinocular port to attach a digital camera for on-screen inspection.

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

- Total Magnification of 21X to 135X at 3.3" (84mm) working distance, Max 180X with 20X eyepieces
- Click stop zoom adjustments for accurate, repeatable measurement
- Standard High Eye Point wide field 15x eyepieces at 45 degrees for comfortable viewing
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary Distance of 1.96" (50mm) to 2.91" (74MM)
- Multi coated optical components, free from chromatic and spherical aberration
- One touch fine focus adjust trinocular camera port for quick, easy camera focusing and parfocaling the scope

### E-Arm Focus Mount with LED Ring Light

- 60 Integrated LED ring light with dimmer control
- Minimum 20,000 hours of high-output LED illumination
- Low power consumption

### Dual Arm boom Stand with Table Clamp

- 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 Single Arm Boom Stand

Item Number	SPZHT135-209-536
Magnification	6.7x-50x
Diopter Adjustment	+5.6D - 7.2D
Body	Binocular
Illumination	LED Ring Light
Working Distance	84mm (3.3")
Eye Pieces	15x wide field
Package Contents	Stereo Zoom Microscope E-Arm Focus Mount with LED Ring Light Dual Arm Boom Stand with Table Clamp



Tools for  
Advancing  
Innovation

Ergonomically  
Designed

View with  
Monitor &  
Eyepieces

Built in  
Illumination

60 White  
LEDs

21x-135x  
Microscope  
Magnification

40x-258x  
Monitor  
Magnification

High  
Resolution

1080 p



# SPZHT-135

## Trinocular Microscope W/ Mighty Cam Eidos Camera/Monitor

Aven's Mighty Cam Eidos is an integrated 11.6" HD monitor connect- ed to a 2M C-Mount inspection camera. Designed for ergonomic inspection, the Eidos eases the eyestrain and body fatigue associat- ed with frequent microscope use.

SPZHT-135 microscope provides crisp clear 3D images and a wide field of view. 21x to 135x continuous zoom with 10x eyepieces, or 40x to 258x magnification when viewing on the Mighty Cam Eidos monitor.



### SPZHT-135 W/ Mighty Cam Eidos

Item Number	26800B-355
Continuous Zoom	21x-135x w/ 10x eyepice
Magification	40x-258x on Mighty Cam Eidos monitor
Body	Trinocular
Stand Base	220 x 284mm
Resolution	1080p
Illumination	60 White LED
Package Contents	SPZHT-135, Microscope Stand PLED, Mighty Cam Eidos 2M Camera/Monitor