



## SPZHT-135 Stereo Zoom Trinocular Microscope on Stand PLED

21x to 135x makes this system ideal for high magnification applications

*Click stop zoom adjustment for accurate, repeatable measurements*

The ideal scope for a wide range of investigative/inspection applications, Aven's dynamic new microscope SPZHT-135 Trinocular microscope extends the boundaries of stereo zoom microscopy, employing standard 15X eyepieces to achieve 21x to 135x continuous zoom magnification all the while providing a constant working distance of 3.3" (84mm). Replacing the standard 15X eyepieces with our DHW20X eyepieces enhances the magnification range of this dynamic new microscope further – 28X to 180X. Having eyepieces set at a 45 degree angle, the adjustable interpupillary distance between eyepieces of 1.96" (50mm) to 2.91" (74mm) means they can be set to the comfort level of any user. Click stop zoom adjustments assure accurate, repeatable measurements. One touch fine focus trinocular camera port tuning for quick, easy camera focus and parfocaling the scope. 1080P HD camera delivers unsurpassed imagery to a rugged 8" LCD monitor or USD flash drive. A compact, rugged 8" LCD monitor helps to reduce eye fatigue and strain. System is mounted on our PLED stand with built in LED illumination, dimmer control, coarse and fine focus and a compact 220 x 284mm base that makes this system ideal for high magnification inspection applications, especially of small parts.

Aven microscopes reflect the clear differences of Japanese-engineered instruments designed and manufactured to industry-leading standards. High-grade optical glass and a straight light path provide maximum clarity and undistorted viewing.

### Features

- 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
- 1080P HD camera for unsurpassed imagery
- Rugged 8" LCD monitor affords clear, sharp, representations
- Standard High Eye Point wide field 15x eyepieces at 45 degrees for comfortable viewing even for operators with eyeglasses
- Diopter adjustment on both eyepiece tubes
- Adjustable Interpupillary Distance of 1.96" (50mm) to 2.91" (74MM) accommodates any operator
- Built in LED illumination with dimmer control
- Multi coated optical components, free from chromatic and spherical aberration
- Coarse and fine focusing, ideal for fine detail work

### SPZHT-135 STEREO ZOOM TRINOCULAR MICROSCOPE ON STAND PLED

<b>BODY</b>	Trinocular
<b>EYEPIECE</b>	15x Wide Field inclined at 45 Degree
<b>SCOPE MAGNIFICATION   SCREEN MAGNIFICATION</b>	21x to 135x, Max 180x with 20x eyepieces   27x to 179x
<b>WORKING DISTANCE</b>	84mm (3.3")
<b>INTERPUPILLARY DISTANCE</b>	50mm(1.96") to 74mm (2.91")
<b>DIOPTRER ADJUSTMENT</b>	+5.6D-7.2D on both eyepieces
<b>TRINOCULAR PORT</b>	One touch easy adjust fine focus
<b>OPTICAL SYSTEM</b>	Greenough
<b>STAND TYPE</b>	Pole
<b>BASE DIMENSIONS</b>	220 x 284mm/8.66" x 11.18"
<b>POLE/TRACK HEIGHT</b>	250mm/9.84"
<b>FOCUS MOUNT/ ILLUMINATION</b>	Course and fine focus w/integral LED ring light/dimmable
<b>CAMERA</b>	1080p HDMI/1/3"CMOS/w/SD capture
<b>MONITOR</b>	8" LCD HD/VGA reproduction
<b>ACCESSORIES INCLUDED</b>	Dust Cover (Rubber Eye Guards),Tension Control Pin
<b>OPTIONAL ACCESSORIES</b>	20x Eyepieces, Protective Lens Cover 0.5X Auxiliary lens
<b>WEIGHT</b>	15lbs
<b>PACKAGE CONTENTS</b>	SPZHT-135 Body Stand PLED 26800B-512 1080P HD Camera 26100-253HD 8" LCD Monitor 26700-405

Part #	Description
<b>26800B-353</b>	<b>SPZHT-135 Stereo Zoom Trinocular Microscope on Stand PLED</b>