

# Stereo Zoom Microscopes

## SPZ-50 Series Stereo Zoom Microscopes

- Magnification range: **6.7x-50x** (3.35x-200x with optional lenses)
- Large **7.46:1** best-in-class zoom ratio
- Field of view: **34.3mm-3.6mm** (1.35"-0.14")
- Working distance: **108mm** (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover



SPZV-50

Product ID	Description				
SPZ-50	SPZ-50 Stereo Zoom Binocular Microscope				
SPZV-50	SPZV-50 Stereo Zoom Trinocular Microscope				
SPZ-50E	ESD Safe SPZ-50 Stereo Zoom Binocular Microscope				
SPZV-50E	ESD Safe SPZV-50 Stereo Zoom Trinocular Microscope				

## Optical Data for SPZ-50 & SPZV-50 + SPZ-50E & SPZV-50E

Eyepiece   DHW10x (F.N.23)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	6.7x-50x	3.35x-25x	5x-37.5x	10.72x-80x	13.4x-100x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	34.3-4.6mm	68.9-9.2mm	45.7-6.1mm	21.4-2.8mm	17.1-2.3mm

  

Eyepiece   DHW15x (F.N.15)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	10.05x-75x	5.02x-37.5x	7.53x-56.25x	16.08x-120x	20.1x-150x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	22.3-3mm	44.7-6mm	29.8-4mm	16-1.8mm	11.1-1.5mm

  

Eyepiece   DHW20x (F.N.11.4)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	13.4x-100x	6.7x-50x	10.05x-75x	21.44x-160x	26.8x-200x
Working Dist.	108mm	240mm	132mm	50mm	41mm
Field of View	17-2.2mm	34-4.5mm	22.6-3mm	10.6-1.4mm	8.5-1.1mm

## ESD Safe SPZ-50E Series

### Stereo Zoom Microscopes

- ESD Safe coating dissipates electrostatic discharges
- Magnification Range: **6.7x to 50x** (3.35x to 200x with optional lenses)
- Large **7.46:1** best-in-class zoom ratio
- Field of View: **34.3mm-3.6mm** (1.35" to 0.14")
- Working Distance: **108mm** (4.25")
- Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover



SPZV-50E

## SPZH-135 Series Stereo Zoom Microscopes

- Magnification range: **21x-135x** (14x-180x with optional lenses)
- **6.4:1** zoom ratio
- Field of view: **34.3mm-3.6mm** (1.35"-0.14")
- Working distance: **84mm** (3.3")
- Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- DHW20x (F.N.11.4) optional eyepieces available
- Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- Includes rubber eyeguards and dust cover



SPZH-135

Product ID	Description				
SPZH-135	SPZH-135 Stereo Zoom Binocular Microscope				
SPZHT-135	SPZHT-135 Stereo Zoom Trinocular Microscope				

## Optical Data for SPZH-135 & SPZHT-135

Eyepiece	DHW15x (F.N.15)		DHW20x (F.N.11.4)	
Auxiliary Lens	Nil	w/0.5x	Nil	w/0.5x
Magnifications	21x-135x	10.5x-67.5x	28x-180x	14x-90x
Working Dist.	84mm	135mm	84mm	135mm
Field of View	10.7-1.6mm	21.4-3.3mm	8.1-1.2mm	16.2-2.5mm