

Item # SPZT-50, SPZT-50 Trinocular

SPZT-50 Trinocular

Trinocular stereo zoom body with 10x eyepieces

The SPZT-50 Series body can be mounted on a variety of boomstands. You choose the rack & pinion focus mount, illumination, and accessories to meet your specific requirements. Various eyepieces & auxiliary lenses can be used for desired magnification and working distance.

Note:

- 0.5x Auxiliary Lens cannot be used on this SPZ series body with stand P, PF, T and TL



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FEATURES

- Outstandingly large zoom ratio 7.46 : Best zoom ration in this class
- Magnification range: 6.7x to 50x
- Field of View 34.3 mm to 3.6 mm (1.35" to 0.14")
- Working distance 108 mm (4.25") - the best in this class
- Magnification range of 2.25x to 200x with optional lenses
- 17 mm (0.67") high eye point wide field 10x eyepieces (field number 23) for comfortable viewing even for operators with eyeglasses.
- Trinocular version has diopter adjustment on vertical tube for fine focusing of image

TO CONFIGURE YOUR SYSTEM SELECT

- The microscope body that meets your magnification, field of view and working distance requirements. Note with a combination of eyepieces and auxiliary lens you can tailor a system to meet your requirements.
- Focusing Mount.
- Stand (please take into account the working distance and the height of the stand).
- Illumination - Fiber Optic, Fluorescent or LED.
- Camera and or adapter if you are using a trinocular body.
- Monitor if necessary.

SPECIFICATIONS

Body	Trinocular
Screen Magnification	6.7x to 50x
Working Distance	108 mm

Zoom Ratio	7.46:1
Weight	2 lb

DHW10X (F.N. 23)

Magnification (DHW10x)	6.7x to 50x
Field of View (DHW10x)	34.3 to 3.5mm
Working Dist. (DHW10x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens: 108 mm • Auxiliary Lens 0.5x : 240 mm • Auxiliary Lens 0.75x : 132 mm • Auxiliary Lens 1.6x : 50 mm • Auxiliary Lens 0.2x : 41 mm

DHW15X (F.N. 15)

Magnification (DHW15x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens: 10.05x to 75x • Auxiliary Lens 0.5x : 5.02x to 37.5x • Auxiliary Lens 0.75x : 7.53x to 56.25x • Auxiliary Lens 1.6x : 16.08x to 120x • Auxiliary Lens 0.2x : 20.1x to 150x
Working Dist. (DHW15x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens: 108 mm • Auxiliary Lens 0.5x : 240 mm • Auxiliary Lens 0.75x : 132 mm • Auxiliary Lens 1.6x : 50 mm • Auxiliary Lens 2x : 41 mm
Field of View (DHW15x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens: 22.3 to 3 mm • Auxiliary Lens 0.5x : 44.7 to 6 mm • Auxiliary Lens 0.75x : 29.8 to 4 mm • Auxiliary Lens 1.6x : 16 to 1.8 mm • Auxiliary Lens 2x : 11.1 to 1.5 mm

DHW20X (F.N. 11.4)

Magnification (DHW20x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens Nil : 13.4x to 100x • Auxiliary Lens 0.5x : 6.7x to 50x • Auxiliary Lens 0.75x : 10.05x to 75x • Auxiliary Lens 1.6x : 21.44x to 160x • Auxiliary Lens 2x : 26.8x to 200x
Working Dist. (DHW20x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens Nil : 108 mm • Auxiliary Lens 0.5x : 240 mm • Auxiliary Lens 0.75x : 132 mm • Auxiliary Lens 1.6x : 50 mm • Auxiliary Lens 2x : 41 mm

Field of View (DHW20x)	<ul style="list-style-type: none"> • W/O Auxiliary Lens: 17 to 2.2 mm • Auxiliary Lens 0.5x : 34 to 4.5 mm • Auxiliary Lens 0.75x : 22.6 to 3 mm • Auxiliary Lens 1.6x : 10.6 to 1.4 mm • Auxiliary Lens 0.2x : 8.5 to 1.1 mm
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OPTIONS

Focus Mount (Required)	SCW-PA, Focus Mount (\$162.78)
Stands	26800B-535, Standard Dual Arm Ball Bearing Boom Stand with Mounting Post (\$546.28) 26800B-520, Boom Stand Single Arm with Arbor (\$393.65) 26800B-560, Articulating Arm (\$294.74) 26800B-570, Standard Stand with Safety Clamp (\$442.11) Stand P, Pole Type Stand with Focus Mount (\$238.74) Stand PFM, Stand Type PFM with Focus Mount and Built in Fluorescent Light (\$314.70)
Illumination	26200B-203, Fluorescent Ring Light with UV Lamp (\$412.37) 26200A-200-10+adapter, Fiber Optic Illuminator with Ringlight (\$696.00) 26200A-200-20, Fiber Optic Illuminator w/DbI Pipelight (\$680.00) 26200B-201, Fluorescent Ring Light Economy, 12 watt Lamp (\$108.52) 26200B-202, Fluorescent Ring Light Standard, 17 watt Lamp (\$260.44) 26200B-206, Fluorescent Ring Light ESD Safe, 17 watt Lamp (\$303.85) 26200B-208, Fluorescent Ring Light with Focus mount for SPZ Series (\$244.17) 26200B-210+adapter, LED Ringlight with Brightness Control (\$171.00) 26200B-211, White LED Ring Light with Brightness &Sector Control (\$217.04)
CCD Cameras	26100-230, MiniVue Camera (\$1047.37) 26100-100, 1/3" CCD Camera with Power Supply (\$500.00) 26100-240, Aven USB Digital Color Camera 1.3M (\$336.84) 26100-241, Aven USB Digital Color Camera 3M (\$521.05) 26100-252, VGA Color Digital Camera 2.0M (\$731.58)
Adapters	26800B-435, Camera Adapter (\$137.28)
LCD Monitors	26700-402, 17" LCD Monitor (\$447.37) 26700-405+Z1015, 8" Monitor with Holder (\$458.00)
Objective Lenses	26800B-485, Oblique Viewer (\$732.50) 26800B-461, Auxiliary Lens 0.5X (\$131.31) 26800B-462, Auxiliary Lens 0.75X (\$131.31) 26800B-463, Auxiliary Lens 1.6X (\$131.31) 26800B-464, Auxiliary Lens 2X (\$131.31) 26800B-465, Lens Cover (\$42.97)
Eyepieces	26800B-449, DHW-15X Eyepiece Lens (\$137.28) 26800B-450, DHW-20X Eyepieces Lens (\$149.21) 26800B-453, Rubber Eye Guard for DHW Eyepieces (Set of 2) (\$5.67)
Focusing Eyepieces w/ Reticle	26800B-455, 10x with 10 : 100 mm Scale (\$173.09) 26800B-456, 10x with 5 : 100 mm Scale (\$173.09) 26800B-457, 10x with 20 x 20 0.5 mm Squares Scale (\$173.09) 26800B-458, 10x with 10 x 10 1 mm Squares Scale (\$173.09) 26800B-459, 10x with 10 : 100 mm Scale with Cross Line (\$173.09)