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Item # SPZ-50, SPZ-50 Binocular



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Binocular stereo zoom body with 10x eyepieces, rubber eye guards and dust cover.

The SPZ-50 Series body can be mounted on a variety of boom stands. 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

1. 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.
2. Focusing Mount.
3. Stand (please take into account the working distance and the height of the stand).
4. Illumination - Fiber Optic, Fluorescent or LED.
5. Camera and or adapter if you are using a trinocular body.
6. Monitor if necessary.

Specifications

Body	Binocular
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
	<ul style="list-style-type: none"> ● W/O Auxiliary Lens: 17 to 2.2 mm ● Auxiliary Lens 0.5x : 34 to 4.5 mm

Field of View (DHW20x)	<ul style="list-style-type: none"> ● 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
Stands	Stand P , Pole Type Stand with Focus Mount 26800B-535 , Standard Dual Arm Ball Bearing Boom Stand with Mounting Post 26800B-520 , Boom Stand with Mounting Post 26800B-560 , Articulating Arm 26800B-570 , Standard Stand with Safety Clamp Stand PFM , Stand Type PFM with Focus Mount and Built in Fluorescent Light
Illumination	26200B-203 , Fluorescent Ring Light with UV Lamp 26200A-200-10+adapter , Fiber Optic Illuminator with Ringlight 26200A-200-20 , Fiber Optic Illuminator w/DbI Pipelight 26200B-201 , Fluorescent Ring Light Economy, 12 watt Lamp 26200B-202 , Fluorescent Ring Light Standard, 17 watt Lamp 26200B-206 , Fluorescent Ring Light ESD Safe, 17 watt Lamp 26200B-208 , Fluorescent Ring Light with Focus mount for SPZ Series 26200B-210+adapter , LED Ringlight with Brightness Control 26200B-211 , White LED Ring Light with Brightness & Sector Control
Objective Lenses	26800B-485 , Oblique Viewer 26800B-461 , Auxiliary Lens 0.5X 26800B-462 , Auxiliary Lens 0.75X 26800B-463 , Auxiliary Lens 1.6X 26800B-464 , Auxiliary Lens 2X 26800B-465 , Lens Cover
Eyepieces	26800B-449 , DHW-15X Eyepiece Lens 26800B-450 , DHW-20X Eyepieces Lens 26800B-453 , Rubber Eye Guard for DHW Eyepieces (Set of 2)
Focusing Eyepieces w/ Reticle	26800B-455 , 10x with 10 : 100 mm Scale 26800B-456 , 10x with 5 : 100 mm Scale 26800B-457 , 10x with 20 x 20 0.5 mm Squares Scale 26800B-458 , 10x with 10 x 10 1 mm Squares Scale 26800B-459 , 10x with 10 : 100 mm Scale with Cross Line