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### Item # DSZ-70, DSZ-70 Binocular



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The DSZ-70 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.

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#### Features

- For high magnification applications
- Zoom Ratio of 3.5: 1
- Magnification range : 20x to 70x
- Field of View of 10 mm to 2.8 mm (0.39" to 0.11")
- Working distance 80 mm (3.15")
- Magnification range of 5x to 224x with optional lenses
- Wide Field 10x Eyepieces (Field number 20)

#### 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

<b>Body</b>	Binocular
<b>Magnification</b>	20x -70x
<b>Zoom Ratio</b>	3.5:1
<b>Field of View</b>	10mm to 2.8mm

<b>Weight</b>	2 lb
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#### DSW5xz (F.N. 20)

<b>Working Dist. (DSW5xz)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 80 mm</li> <li>• <b>Auxiliary Lens 0.5x :</b> 120 mm</li> <li>• <b>Auxiliary Lens 0.75x :</b> 85 mm</li> <li>• <b>Auxiliary Lens 1.6x :</b> 41 mm</li> </ul>
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#### DSW10xz (F.N. 20)

<b>Magnification (DSW10xz)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 20x to 70x</li> <li>• <b>Auxiliary Lens 0.5x :</b> 10x to 35x</li> <li>• <b>Auxiliary Lens 0.75x :</b> 15x to 52.5x</li> <li>• <b>Auxiliary Lens 1.6x :</b> 32x to 112x</li> </ul>
<b>Working Dist. (DSW10xz)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 80 mm</li> <li>• <b>Auxiliary Lens 0.5x :</b> 120 mm</li> <li>• <b>Auxiliary Lens 0.75x :</b> 85 mm</li> <li>• <b>Auxiliary Lens 1.6x :</b> 41 mm</li> </ul>
<b>Field of View (DSW10xz)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 10 to 2.8 mm</li> <li>• <b>Auxiliary Lens with 0.5x :</b> 20 to 5.7 mm</li> <li>• <b>Auxiliary Lens 0.75x :</b> 13 to 3.3 mm</li> <li>• <b>Auxiliary Lens 1.6x :</b> 6.2 to 1.7 mm</li> </ul>

#### DSW15x (F.N. 15)

<b>Magnification (DSW15x)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 30x to 105x</li> <li>• <b>Auxiliary Lens 0.5x :</b> 15x to 52.5x</li> <li>• <b>Auxiliary Lens 0.75x :</b> 22.5x to 78.75</li> <li>• <b>Auxiliary Lens 1.6x :</b> 48x to 168x</li> </ul>
<b>Working Dist. (DSW15x)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 80 mm</li> <li>• <b>Auxiliary Lens 0.5x :</b> 120 mm</li> <li>• <b>Auxiliary Lens 0.75x :</b> 85 mm</li> <li>• <b>Auxiliary Lens 1.6x :</b> 41 mm</li> </ul>
<b>Field of View (DSW15x)</b>	<ul style="list-style-type: none"> <li>• <b>W/O Auxiliary Lens:</b> 7.5 to 2.1 mm</li> <li>• <b>Auxiliary Lens 0.5x :</b> 15 to 4.2 mm</li> <li>• <b>Auxiliary Lens 0.75x :</b> 10 to 2.8 mm</li> <li>• <b>Auxiliary Lens 1.6x :</b> 4.6 to 1.3 mm</li> </ul>

#### DSW20x (F.N. 11.4)

<b>Magnification (DSW20x)</b>	<ul style="list-style-type: none"> <li>● <b>W/O Auxiliary Lens:</b> 40x to 140x</li> <li>● <b>Auxiliary Lens 0.5x :</b> 20x to 70x</li> <li>● <b>Auxiliary Lens 0.75x :</b> 30x to 105x</li> <li>● <b>Auxiliary Lens 1.6x :</b> 64x to 224x</li> </ul>
<b>Working Dist. (DSW20x)</b>	<ul style="list-style-type: none"> <li>● <b>W/O Auxiliary Lens:</b> 80 mm</li> <li>● <b>Auxiliary Lens 0.5x :</b> 120 mm</li> <li>● <b>Auxiliary Lens 0.75x :</b> 85 mm</li> <li>● <b>Auxiliary Lens 1.6x :</b> 41 mm</li> </ul>
<b>Field of View (DSW20x)</b>	<ul style="list-style-type: none"> <li>● <b>W/O Auxiliary Lens:</b> 5.7 to 1.6 mm</li> <li>● <b>Auxiliary Lens 0.5x :</b> 11.4 to 3.2 mm</li> <li>● <b>Auxiliary Lens 0.75x :</b> 7.6 to 2.1 mm</li> <li>● <b>Auxiliary Lens 1.6x :</b> 3.5 to 1 mm</li> </ul>

#### Options

<b>Focus Mount (Required)</b>	<a href="#">SCW-PA</a> , Focus Mount
<b>Stands</b>	<a href="#">Stand PFL</a> , Stand Type PFL with Focus Mount and Built in Fluorescent Light <a href="#">Stand P</a> , Pole Type Stand with Focus Mount <a href="#">26800B-535</a> , Standard Dual Arm Ball Bearing Boom Stand with Mounting Post <a href="#">26800B-520</a> , Boom Stand with Mounting Post <a href="#">26800B-560</a> , Articulating Arm <a href="#">26800B-570</a> , Standard Stand with Safety Clamp
<b>Illumination</b>	<a href="#">26200B-203</a> , Fluorescent Ring Light with UV Lamp <a href="#">26200B-207</a> , Fluorescent Ring Light with Focus Mount for DSZ & NSW Series <a href="#">26200A-200-10+adapter</a> , Fiber Optic Illuminator with Ringlight <a href="#">26200A-200-20</a> , Fiber Optic Illuminator w/Dbl Pipelight <a href="#">26200B-201</a> , Fluorescent Ring Light Economy, 12 watt Lamp <a href="#">26200B-202</a> , Fluorescent Ring Light Standard, 17 watt Lamp <a href="#">26200B-206</a> , Fluorescent Ring Light ESD Safe, 17 watt Lamp <a href="#">26200B-210+adapter</a> , LED Ringlight with Brightness Control <a href="#">26200B-211</a> , White LED Ring Light with Brightness & Sector Control
<b>Objective Lenses</b>	<a href="#">26800B-485</a> , Oblique Viewer <a href="#">26800B-461</a> , Auxiliary Lens 0.5X <a href="#">26800B-462</a> , Auxiliary Lens 0.75X <a href="#">26800B-463</a> , Auxiliary Lens 1.6X <a href="#">26800B-464</a> , Auxiliary Lens 2X <a href="#">26800B-465</a> , Lens Cover
<b>Eyepieces</b>	<a href="#">26800B-446</a> , DSW-5X Eyepiece Lens <a href="#">26800B-442</a> , DSW-15X Eyepiece Lens <a href="#">26800B-443</a> , DSW-20X Eyepiece Lens <a href="#">26800B-452</a> , Rubber Eye Guard for DSW Eyepieces (Set of 2)
<b>Focusing Eyepieces w/ Reticle</b>	<a href="#">26800B-455</a> , 10x with 10 : 100 mm Scale <a href="#">26800B-456</a> , 10x with 5 : 100 mm Scale <a href="#">26800B-457</a> , 10x with 20 x 20 0.5 mm Squares Scale <a href="#">26800B-458</a> , 10x with 10 x 10 1 mm Squares Scale <a href="#">26800B-459</a> , 10x with 10 : 100 mm Scale with Cross Line