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Aven's Complete Product Line : Microscopy and Inspection : Microscopes : Stereo Microscopes : Design Your Own Microscope System : DSZ-70 Stereo Zoom Body - 20x to 70x

DSZ-70 - Binocular Stereo Zoom Microscope • Product # DSZ-70



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Rating: ★★

Product # : DSZ-70

Overview : Provides crisp clear 3D images and a wide field of view. 20x to 70x continuous zoom with 10x eyepieces. Excellent for viewing small parts.

Create your customized system from the options below. Follow the step-by-step process to choose your stand, mount, illumination, auxiliary lenses and eyepieces for a complete custom solution tailored to your needs. **After you have made your selections, add the item to the cart.**

Description Features Specs

DSZ-70 - Binocular Stereo Zoom Microscope

Body Type	Binocular, 360° rotatable, 45° inclined eyepiece tube
Eyepieces	Two 10x(FN20)eyepieces. <i>Optional: 15x(FN15), 20x(FN11.4) available to extend magnification range</i>
Auxiliary lens	0.5x, 0.75x and 1.6 auxiliary lenses available to extend magnification range of microscope
Working Distance	80mm without auxiliary lens 120mm with 0.5x auxiliary lens 85mm with 0.75x auxiliary lens 41mm with 1.6x auxiliary lens
Zoom Ratio	3.5:1

Diopter Adjustment	On both eye tubes: +5.6D-.72D
Interpupillary Distance	Adjustable from 52 to 75mm
Optical System	Greenough
Package Contents	1 ea DSZ-70 Binocular Stereo Zoom Microscope 2 ea. 10x Eyepieces 2 ea. Rubber Eyeguards 1 ea. Dust Cover 1 ea. Instruction Manual
Weight	5lb

Optical Data

Eyepiece | DSW10X (F.N. 20)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	20x-70x	10x-35x	15x-52.5x	32x-112x
Working Dist.	80mm	120mm	85mm	41mm
Field of View	10-2.8mm	20-5.7mm	20-5.7mm	6.2-1.7mm

Eyepiece | DSW15X (F.N. 15)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	10.05x-75x	5.02x-37.5xx	7.53x-56.25x	20.1x-150x
Working Dist.	80mm	120mm	85mm	41mm
Field of View	7.5-2.1mm	15-4.2mm	10-2.8mm	4.6-1.3mm

Eyepiece | DSW20X (F.N. 11.4)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	40x-140x	20x-70x	30x-105x	64x-224x
Working Dist.	80mm	120mm	85mm	41mm
Field of View	5.7-1.6mm	11.4-3.2mm	7.6-2.1mm	3.5-1mm