



Aven's Complete Product Line : Microscopy and Inspection : Microscopes : Stereo Microscopes : Design Your Own Microscope System : DSZ-44 Stereo Zoom Body - 10x to 44x

DSZ-44 - Binocular Stereo Zoom Microscope - Product # DSZ-44



Rating:

Product # : DSZ-44

Overview : Provides crisp clear 3D images and a wide field of view. 10x to 44x continuous zoom with 10x eyepieces.

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-44 - Binocular Stereo Zoom Microscope

Body Type	Binocular, 360° rotatable, 45° inclined eyepiece tube
Eyepieces	Two 10x(FN23)eyepieces supplied with microscope body. <i>Optional 15x(FN15) and 20x(FN11.4) available to extend magnification range</i>
Auxiliary lens	0.5x, 0.75x and 1.6x auxiliary lenses available to extended magnification range of microscope
Working Distance	90mm without auxiliary lens 150mm with 0.5x auxiliary lens 105mm with 0.75x auxiliary lens 45mm with 1.6x auxiliary lens
Zoom Ratio	4.4:1

Diopter Adjustment	On both eye tubes: +5.6D-.72D
Interpupillary Distance	Adjustable from 52 to 75mm
Optical System	Greenough
Package Contents	1ea DSZ-44 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 | DSW5XZ (F.N. 20)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	5x-22x	2.5x-11x	3.75x-16.5x	8x-35.2x
Working Dist.	90mm	150mm	105mm	45mm
Field of View	22.5-5.1mm	45-10.2mm	30-6.8mm	14-3.1mm

Eyepiece | DSW10XZ (F.N. 20)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	10x-44x	5x-22x	7.5x-33x	16x-70.4x
Working Dist.	90mm	150mm	105mm	45mm
Field of View	23-5.2mm	46-10.4mm	30.6-6.9mm	14.3-3.2mm

Eyepiece | DSW15X (F.N. 15)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	15x-66x	7.5x-33x	11.25x-49.5x	24x-105.6x
Working Dist.	90mm	150mm	105mm	45mm
Field of View	15-3.4mm	30-6.8mm	20-49.5mm	9.3-2.1mm

Eyepiece | DSW20X (F.N. 11.4)

Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x
Magnifications	20x-88x	10x-44x	15x-66x	32x-140.8x
Working Dist.	90mm	150mm	105mm	45mm
Field of View	11.4-2.5mm	22.8-5.1mm	15.2-3.45mm	7.1-1.6mm