

## FS30 Stereo Microscope Series



### FS30 SPECIFICATIONS

#### VIEWING BODY

<b>Viewing Bodies</b>	Binocular with dual diopter adjustments. Inclined 45 degrees and rotatable 360 degrees.
<b>Magnification</b>	Fixed magnification objectives. Viewing bodies are available in 1x/2x, 1x/3x and 2x/4x configurations
<b>Working Distance</b>	110mm (4.33 inches)
<b>Interpupillary Distance Adjustment</b>	54mm - 75mm
<b>Eyepieces</b>	WF10x/23mm with reticle holder (reticle size: 26mm), WF15x/16mm with reticle holder (reticle size: 26mm), WF20x/12mm
<b>Auxiliary Objectives</b>	0.5x (177mm working distance), 1.5x (47mm working distance) and 2.0x (35mm working distance)

#### STANDS

<b>Plain Focusing Stand</b>	76mm focus mount diameter, 100mm focusing stroke, 240mm (w) x 290mm (d) x 318mm (h), 125mm black & white plate
<b>LED Reflected/ Transmitted Illuminated Stand</b>	76mm focus mount diameter, 100mm focusing stroke, 240mm (w) x 292mm (d) x 318mm (h), 100mm clear glass and black & white plate. Variable Transmitted & Reflected LED illumination. Average LED life expectancy - 7,000 hours, Color temperature: 6200° - 7000° Kelvin
<b>Halogen Reflected &amp; Transmitted Illuminated Stand</b>	76mm focus mount diameter, 100mm focusing stroke, 198mm (w) x 233 (d) x 318mm (h). 95mm frosted and black & white plates. Reflected illuminator: 6v 15w variable halogen dichroic . Transmitted illuminator: 12v 15w variable bi-pin halogen.
<b>Pole Stand</b>	76mm focus mount diameter, 305mm pole height, 193mm focusing stroke, 240mm (w) x 290mm (d) x 318mm (h), 125mm black & white plate
<b>Boom Stand</b>	Base dimensions: 254mm x 254mm (10" x 10"), Vertical Post - 365mm, Horizontal Post - 518mm. Physical weight 37 lbs.

#### OPTIONAL ACCESSORIES

<b>Light Sources</b>	LED & fluorescent ring lights, Fiber optic illuminators
<b>Digital Camera System</b>	Micrometrics® CCD and CMOS cameras with image analysis software

#### OPTICAL DATA

Objective	Working Distance (mm)	EYEPIECE					
		WF10X		WF15X		WF20X	
		Total magnification	Field Of View	Total magnification	Field Of View	Total magnification	Field Of View
1X	110	10X	23	15X	16	20X	12
2X	110	20X	11.5	30X	8	40X	6
3X	110	30X	7.7	45X	5.3	60X	4
4X	110	40X	5.8	60X	4	80X	3

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