

FS30 Stereo Microscope Series



FS30 SPECIFICATIONS

VIEWING BODY

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

STANDS

Plain Focusing Stand	76mm focus mount diameter, 100mm focusing stroke, 240mm (w) x 290mm (d) x 318mm (h), 125mm black & white plate
LED Reflected/ Transmitted Illuminated Stand	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
Halogen Reflected & Transmitted Illuminated Stand	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.
Pole Stand	76mm focus mount diameter, 305mm pole height, 193mm focusing stroke, 240mm (w) x 290mm (d) x 318mm (h), 125mm black & white plate
Boom Stand	Base dimensions: 254mm x 254mm (10" x 10"), Vertical Post - 365mm, Horizontal Post - 518mm. Physical weight 37 lbs.

OPTIONAL ACCESSORIES

Light Sources	LED & fluorescent ring lights, Fiber optic illuminators
Digital Camera System	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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