

# FS SERIES MICROSCOPES

FS Series Stereo microscopes are ideal for applications where a fixed magnification is desirable. The FS Series comes in two options, 1x/3x and 2x/4x. The FS Series may be mounted onto all Scienscope stands, take a look below for different configurations. A Trinocular version is available as well.

Look at table below for optical specifications.

FS microscope body	
<b>FS-BD-13</b>	1x/3x Binocular
<b>FS-BD-13T</b>	1x/3x Trinocular
<b>FS-BD-24</b>	2x/4x Binocular
<b>FS-BD-24T</b>	2x/4x Trinocular



FS-BD

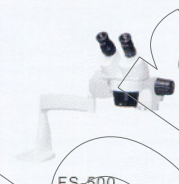
FS Series Video Couplers (adapter)	
<b>FS-CP-05</b>	0.5x Video coupler for FS Series
<b>FS-CP-10</b>	1x Video coupler for FS Series

The microscopes below are complete with a stand and focus mount, all you will need to add is a light source which can be found on page 15. Microscopes below come standard in either 10x/30x or 20x/40x magnifications.



FS-600

FS microscope on boom stand	
<b>FS-13-600</b>	1x/3x binocular on boom stand
<b>FS-13-600T</b>	1x/3x trinocular on boom stand
<b>FS-24-600</b>	2x/4x binocular on boom stand
<b>FS-24-600T</b>	2x/4x trinocular on boom stand



FS-500

FS microscope on an articulating arm	
<b>FS-13-500</b>	1x/3x binocular on HX articulating arm
<b>FS-13-500T</b>	1x/3x trinocular on HX articulating arm
<b>FS-24-500</b>	2x/4x binocular on HX articulating arm
<b>FS-24-500T</b>	2x/4x trinocular on HX articulating arm

FS microscope on LED post stand	
<b>FS-13-400</b>	1x/3x binocular on LED post stand
<b>FS-13-400T</b>	1x/3x trinocular on LED post stand
<b>FS-24-400</b>	2x/4x binocular on LED post stand
<b>FS-24-400T</b>	2x/4x trinocular on LED post stand



FS-400

FS microscope on post stand	
<b>FS-13-300</b>	1x/3x binocular on post stand
<b>FS-13-300T</b>	1x/3x trinocular on post stand
<b>FS-24-300</b>	2x/4x binocular on post stand
<b>FS-24-300T</b>	2x/4x trinocular on post stand



FS-300



FS-200

FS microscope on LED track stand	
<b>FS-13-200</b>	1x/3x binocular on LED track stand
<b>FS-13-200T</b>	1x/3x trinocular on LED track stand
<b>FS-24-200</b>	2x/4x binocular on LED track stand
<b>FS-24-200T</b>	2x/4x trinocular on LED track stand



FS-100

FS microscope on track stand	
<b>FS-13-100</b>	1x/3x binocular on track stand
<b>FS-13-100T</b>	1x/3x trinocular on track stand
<b>FS-24-100</b>	2x/4x binocular on track stand
<b>FS-24-100T</b>	2x/4x trinocular on track stand

## FS Optical Specifications

		Eyepieces										Working Distance (mm)
Auxiliary Lens	Model	10x		15x		20x		25x		30x		
		Mag.	FOV	Mag.	FOV	Mag.	FOV	Mag.	FOV	Mag.	FOV	
0.3x	FS-BD-13	3x or 9x	66 or 22	4.5x or 13.5x	53 or 17	6x or 18x	40 or 13	7.5x or 22.5x	30 or 10	9x-27x	23.3 or 7.7	264
	FS-BD-24	6x or 12x	33 or 16	9x or 18x	26 or 13	12x or 24x	20 or 10	15x or 30x	15 or 7	18x-36x	11.6 or 5.8	
0.4x	FS-BD-13	4x or 12x	50 or 16	6x or 18x	40 or 13	8x or 24x	30 or 10	10x or 30x	22 or 7	12x-36x	17.5 or 5.8	200
	FS-BD-24	8x or 16x	25 or 12	12x or 24x	20 or 10	16x or 32x	15 or 7.5	20x or 40x	11 or 5	24x-48x	8.7 or 4.3	
0.5x	FS-BD-13	5x or 15x	40 or 13	7.5x or 22.5x	32 or 10	10x or 30x	24 or 8	12.5x or 37.5x	18 or 6	15x-45x	14 or 4.6	170
	FS-BD-24	10x or 20x	20 or 10	15x or 30x	16 or 4	20x or 40x	12 or 6	25x or 50x	9 or 4	30x-60x	7 or 3.5	
0.75x	FS-BD-13	7.5x or 22.5x	26 or 8	11.2x or 33.7x	21 or 14	15x or 45x	16 or 5	18.7x or 56.2	12 or 4	22x or 67x	9.3 or 3.1	118
	FS-BD-24	15x or 30x	13 or 6	22.5x or 45x	10 or 5	30x or 60x	8 or 4	37.5x or 75x	5 or 3	45x or 90x	4.6 or 2.3	
1x	FS-BD-13	10x or 30x	20 or 6	15x or 45x	16 or 5	20x or 60x	12 or 4	25x or 75x	9 or 3	30x or 90x	7 or 2.3	100
	FS-BD-24	20x or 40x	10 or 5	30x or 60x	8 or 4	40x or 80x	6 or 3	50x or 100x	4 or 2	60x or 120x	3.5 or 1.75	
1.5x	FS-BD-13	15x or 45x	13 or 4	22.5x or 67.5x	10 or 3	30x or 90x	8 or 2.6	37.5x or 112.5x	6 or 2	45x or 135x	4.6 or 1.5	52
	FS-BD-24	30x or 60x	6 or 3	6 or 3	5 or 2.5	60x or 120x	4 or 2	75x or 150x	2.8 or 1.5	90x or 180x	2.3 or 1.1	
2.0x	FS-BD-13	20x or 60	10 or 3	30x or 90x	8 or 2	40x or 120x	6 or 2	50x or 150x	4.5 or 1.5	60x or 180x	3.5 or 1.1	34
	FS-BD-24	40x or 80x	5 or 2.5	5 or 2.5	4 or 2	80x or 160x	3 or 1.5	10x or 200x	2 or 1	120x or 240x	1.75 or .88	