

## FX-3 Widefield Stereo Microscope

This Stereo features unusually long Focal Lengths and great Depths of Field in the Lower Magnifications. The accompanying larger fields of view offer greater versatility than most Stereo Microscopes available for Dental or Industrial Applications. Ideal for Inspection, Burring, Electronic Soldering, Micro Welding or Micro Drilling. The unit can also be adapted to special stands for mounting on Machine Tools. The unit has excellent natural light gathering capabilities, and for most applications, natural room light is sufficient. It offers an unusually crisp, sharp image not usually found in lower priced Stereo Microscopes.

### Advantages of the FX-3:

Unusually long Focal Length as seen by 10X Magnification where 20.125" or 7.283" are obtainable.

Large Fields of View as seen at 10X Magnification where 2.625" or 1.313" are possible.

Great Depth of Field which makes this unit ideal for small delicate inspection work as it can easily be viewed while it is being worked on. Complete adjustable stand for all situations. Special stands can easily be made if the situation so dictates and from .800" diameter tubing or drill rods.

Superior Distortion-Free vision with excellent natural light gathering capabilities.

The FX-3 Stereo Microscope can use different lighting systems including our FOI-150 150 Watt Halogen Fiberoptic Illuminator, RI-50 Fiberoptic Ring Light or the FOI-1 Bi-Furcated Fiberoptic Light Guide, as well as our TFLI Fluorescent Ring light or our T-40 LED Ring Illuminator.

**Stand:** Aluminum base, plate 5.500" x 6" x .750" with .800" diameter vertical post.

**Body:** Rack and Pinion focusing arrangement with adjustment up to 9.500" above base plate.

**Binocular Tube:** Inclined at 45 Degree with Diopter adjustment and variable adjustment for inter-pupillary adjustment.

**Eyepieces:** Extra Wide Field 10X is standard with the unit. 20X can be purchased as an extra option. 10X and 20X Cross Hair Eyepieces available as an extra option.

**Objectives:** 1X is standard and built directly into the unit. Optional objectives .5X, 1.5X and 2X can be purchased separately.

**Magnification:** Six different magnifications are possible with the purchase of 1 extra set of eyepieces and additional objectives.

**Image:** Right side up and optically correct. Lenses: Hard coated with color correction. Weight: 3.5 lbs.



### Ordering Information

Model Number	Description	Price
FX-3	Stereo Microscope	<del>WAS \$ 579.00</del> <b>\$ 429.00</b>
SMOBFX-3-0.5X	0.5X Auxiliary Objective Lens	\$ 125.00
SMOBFX-3-J-1.5X	1.5X Auxiliary Objective Lens	\$ 125.00
SMOBFX-3-2.0X	2.0X Auxiliary Objective Lens	\$ 125.00
SMEPPFX-3-20X	Pair of 20X Eyepieces	\$ 100.00
SMCHEPFX-3-10X	10X Cross Hair Single Eyepiece	\$150.00
SMCHEPFX-3-10X	10X Cross Hair Single Eyepiece	\$150.00
RI-FX-3	Ring Light Adapter	\$ 30.00

Objectives	Working Distance mm/inches	10X Eyepiece Wide Field				20X Eyepiece Wide Field			
		Mag.	Field of View	Depth of Field	Res.*	Mag.	Field of View	Depth of Field	Res.*
.5X Optional 1X Built In	511mm/ 20.125"	5X	67mm/ 2.635"	25.4mm/ 1.00"	14.3	10X	33.35mm/ 1.313	9.5mm/ .375"	36
1X Built In	185mm/ 7.28"	10X	23mm/ .9055"	3.2mm/ .125"	57	20X	12mm/ .472"	1.6mm/ .062"	71.8
1.5X External 1X Built In	130mm/ 5.12"	15X	17mm/ .6791"	1.6mm/ .062"	80.6	30X	9mm/ .354"	0.8mm/ .031"	90.5
2X External 1X Built In	85mm/ 3.35"	20X	11.5mm/ .453"	.78mm/ .031"	128	40X	7mm/ .276"	0.4mm/ .016"	144

\* Resolution line pairs per millimeter.