

The all new ergonomic RX-3 Stereo Microscope



The adjustable pillar stand allows for many combinations of vertical and horizontal or even angular adjustments that combine both planes. Full rotation of 360° is possible on all adjustments with no limitations.

The uses are unlimited for assembly, burring, inspection, research and electronic circuit board soldering. Its extra large field of view and great depth of field allow it to be used as a magnified viewing device for miniature machine work. It can also be incorporated into various inspection setups to allow for versatile optical inspections of all sorts.

ADVANTAGES OF THE RX-3

Pillar Stand: Aluminum base, plate 5.75" X 7.25", .750" thick cast base plate with .500" diameter vertical post 7.500" long, 6.5" secondary rod & 2 ergonomic aluminum clamps with easy to use high density plastic adjustment knobs to allow the unit to be put in horizontal, vertical or angled position to allow for many viewing positions.

Binocular Tube: Diopter adjustment and variable adjustment for interpupillary adjustment. Diopter adjustment + or - 2 Diopter.

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..

Image: Right side up and optically correct.

Lenses: Hard coated with color correction. **Weight:** 3.5 lbs.



Angular positioning for easy viewing.



Horizontal & Vertical positioning to allow for different inspection viewing.

Ordering Information

Model Number	Description
RX-3	Stereo Microscope
SMOBJ-0.5X-RX-3	0.5X Auxiliary Objective Lens
SMOBJ-1.5X-RX-3	1.5X Auxiliary Objective Lens
SMOBJ-2.0X-RX-3	2.0X Auxiliary Objective Lens
SMEPPRX-3-10X	Pair of 10X Eyepieces
SMEPPRX-3-20x	Pair of 20X Eyepieces
SMCHEP-10X-RX-3	Single 10X Cross Hair Eyepiece
SMCHEP-20X-RX-3	Single 20X Cross Hair Eyepiece
RI-RX-3	Ring Light Adapter

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 External 1X Built In	240mm/ 9.45"	5X	45mm/ 1.81"	19mm/ .750"	14.3	10X	24mm/ .945"	12.7mm/ .500"	36
1X Built In	135mm/ 5.32"	10X	23mm/ .905"	6.35mm/ .250"	36	20X	12mm/ .472"	3.2mm/ .125"	71.8
1.5X External 1X Built In	110mm/ 4.35"	15X	18mm/ .705"	3.2mm/ .125"	40.3	30X	8.9mm/ .352"	1.5mm/ .062"	90.5
2X External 1X Built In	65mm/ 2.55"	20X	11.5mm/ .453"	1.5mm/ .062"	64	40X	7mm/ .276"	0.3mm/ .013"	128

* Resolution line pairs per millimeter.