

Precision SurgioScope

Ideal for small animal surgery

SURGIOSCOPE Specifications

TOTAL MAGNIFICATION.....				1.8× — 40×
ADJUSTABLE DIOPTER.....				± 6 Diopter
ADJUSTABLE INTERPUPILLARY DISTANCE ..				min. 50 mm — max. 70 mm
WORKING DISTANCE				94 mm — 344 mm
EYEPIECE.....				12.5x
LENS CHARACTERISTICS				
Objectives	Objective Focal Distance	Working Distance	Total Magnification	Field of View
F100 (Optional)	100mm	94 mm	6.4X10X16X 26X 40X	33mm, 20.5mm, 13mm, 8mm, 5mm
F200 (Included)	200mm	195 mm	3.2X 5X 8X 13X 20X	58mm, 38mm, 24mm, 15mm, 10mm
F250 (Optional)	250mm	246 mm	2.6X4X 6.4X 10.4X16X	72.5mm, 47.5mm, 30mm, 19mm, 12.5 mm
F300 (Optional)	300 mm	294 mm	2X 3.3X 5.3X 8.6X 13.3X	87mm, 57mm, 36mm, 22.5mm, 15mm
F350 (Optional)	350 mm	344 mm	1.8X 3X 4.5X 7.5X 11.5X	99mm, 65mm, 42mm, 27mm, 17mm
FINE FOCUS ADJUSTMENT RANGE.....		30 mm		
WORKING HEIGHT (Arm Movement Range Above Floor)				
89 cm Post.....		Focus on specimens 34.5" (88 cm) to 51" (130 cm) above floor *		
103 cm Post.....		Focus on specimens 40.5" (103 cm) to 57" (146 cm) above floor *		
* Subtract Working Distance for height above specimen, 103 cm post recommended for F350 objective.				
RANGE OF MOTION				
Maximum Stretch Radius of Arm.....		870 mm		
Vertical Movement Range.....		700-1100 mm		
Adjustable Range of Small Arm.....		30 mm		
ILLUMINATION				
Dual lamp housing with quick-change spare and internal coaxial fiber optic cable.				
HALOGEN-TUNGSTEN LAMP.....		12V, 100W, with cold reflection		
OPTIONAL CAMERA		½" CCD camera (e.g., COLCAM)		
POWER.....		110V, 50-60 Hz, or 220V, 50-60 Hz		
SHIPPING WEIGHT.....		70 lb (33 kg)		



Features :

- Motorized focusing system, allows hands-free operation.
- Light weight, compact and easy to maneuver. Weighs only 70 lb.
- Dual bulbs prevent illumination failure during surgery.
- Optional video adapter.
- Improved view field.
- Convenient handles.
- **Five** magnification steps.

WPI's improved precision SurgioScope (now with five magnification steps) is a portable high quality surgical microscope offering outstanding image quality and value. Incorporating an agile extension arm and excellent working distance objectives, the SurgioScope provides convenient movement and maneuverability necessary for accurate positioning. These important features, together with a high quality optical system, provide sharp image contrast and enhanced large field of vision. The SurgioScope comes fully equipped with a foot-controlled motorized focusing system, normally only found in more expensive surgical microscopes. A unique dual lamp housing enables safe and rapid changing

of the lamp during an operation, without the need to power down. The optional video port on the "T" version permits operational procedures to be

monitored or recorded simultaneously using a video recorder and a COLCAM video camera.

PSMB5	Binocular SurgioScope, F200 objective (Specify post height.)
PSMT5	Trinocular SurgioScope, beam splitter, std video adapter, F200 objective (Specify post height.)

See WPI Website for other configurations

Specify 89 cm or 103 cm post — Specify line voltage

OPTIONS AND ACCESSORIES

501636	½" CS-mount Adaptor (requires Beam Splitter 501637)
501637	Beam splitter
501669	Objective lens F100
501638	Objective lens F250
501639	Objective lens F300
501640	Objective lens F350
500162	Replacement lamp, 12V, 100 W