

Technical Parameters		
Model		SCM850
Optical system	Apochromatic optical system	•
Amplification system	Continuous zoom: amplification factor: 0.4~2.5	•
	Total magnification 1.6x~19x	
Binocular tube	0°~180° variable angle binocular tube with interpupillary distance adjustment mechanism, interpupillary distance adjustment range 55-75mm	•
	High eye point 12.5x wide-angle eyepiece, eyecup height adjustable, diopter compensation range ±7D	
Zoom system	Large zoom objective lens, variable working distance 195-450mm	•
Lighting system	Integrated true color LED lighting color temperature 5700K, color rendering index >90%, illumination >100000Lux	•
	Integrated orange filter, green filter, white spot size is adjustable in three sizes: large, medium and small	
External image System interface	Three-in-one beam splitter: 45° extender, pendulum system, beam splitter integration, split ratio 2:8 or 5:5	•
	Adjustable focus	•
	Canon, Sony mirrorless camera interface	•
Bracket system	Host balance force adjustment device	•
	Balance arm balance force adjustment device	
	Balance arm: turning radius 735mm, ±330° rotation, up and down movement range (up/down) 600mm	
	Rotating arm: turning radius 508mm, ±330° rotation	
	Maximum net arm span: 1560 mm	
	Integrated base, 3-inch silent medical casters, base size: 590*590mm	
Appendix	Monitor Stand	•
	HD monitor	
	Camera (optional camera brands: Canon, Sony)	
	Camera direct power supply	
	Wireless camera system	



SCM850
SCM850 for Operation Micro



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