

SPECIFICATIONS SO-111T

OPTICAL HEAD	
VIEWING SYSTEM	Binocular, stereoscopic (convergence angle 12°) Eyepiece tube inclination 45°
MAGNIFICATION	Two step, 5X and 10X
WORKING DISTANCE	Lamp house prism to object distance 165 mm
FIELD OF VIEW	40mm at 5X
REFRACTIVE ERROR	Adjustment +5D to -5D right eyepiece
FOCUSING	Range ± 25mm Control knobs removable for sterilisation
ILLUMINATION	
ALIGNMENT	Coaxial with viewing system, high intensity
LAMP	20W LED
FILTERS	Internal ultraviolet and infrared filters
LAMP LIFE	Minimum 10 years
ILLUMINATION	60,000 Lux
POWER SUPPLY	
MAINS POWER	110-240V selectable.
OUTPUT	Regulated output with soft start
INTENSITY CONTROL	Continuous
EARTHING	Via earth lead of mains power cable (green/yellow)
DIRECT CURRENT	12V DC source optional
CIRCUIT BREAKER	Internal
CABLE: Mains	Length 5 metres
CABLE: Battery	Length 5 metres
MOUNTING SYSTEM	
CLAMP	Throat 70 mm
HEAD TILT	+5° to -45°
VERTICAL TENSION	Adjustable gas spring to set lifting force
DIMENSIONS	Vertical pillar to head optical axis maximum 930 mm (37")
	Pantograph arm vertical range 320 mm (13")
MATERIALS	No ferrous metals, preventing corrosion.
CASE	
DIMENSIONS: Aluminium case	790 x 560 x 340 mm (31 x 22 x 13.5") (Including packing carton)
DIMENSIONS: Standard packaging	810 x 520 x 290 mm (32" x 20.5" x 11.5")
WEIGHT: In aluminium case	30 kg (66 lbs) (Including packing carton)
WEIGHT: In standard packaging	22 kg (49 lbs)