

SPECIFICATIONS SO-111TZ/SO-111SZ**OPTICAL HEAD**

VIEWING SYSTEM	Binocular, stereoscopic (convergence angle 10°) Eyepiece tube inclination 45°
MAGNIFICATION	Zoom magnification, range 4.2 x - 25x
WORKING DISTANCE	Auxiliary objective to object distance 160mm
FIELD OF VIEW	15 - 65mm, depending on magnification
REFRACTIVE ERROR	+/- 5D left eyepiece
FOCUSING	Range ± 25mm

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
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 1025mm (40") Pantograph arm vertical range 360mm(14")
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)