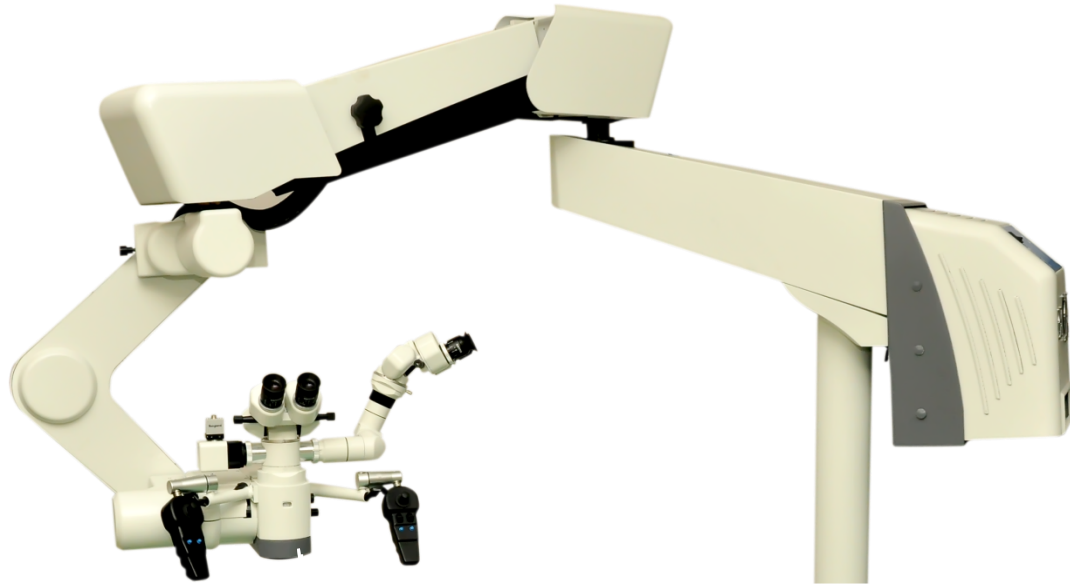




Surgical Operating Microscope
Model: Ocula






- Illumination: Xenon / LED, With Stand by Light Source
- Easy Lamp Changing Option
- Day Light Color Temperature
- Gaussian Distribution Spot Illumination

Sanma optics designed to symbolizes quality and the clear stereoscopic vivid three dimensional view depth of focused anatomy

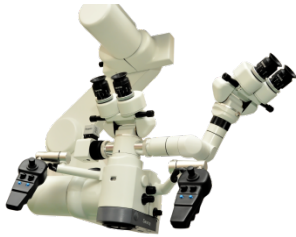
The perfect illumination and optics gives the clear focusing depth of microscopic view

- 
- Apo-Chromatic Optics
 - 1:6 Zoom Controlled by Handgrip
 - 200mm-500mm Variable Focal lens
 - Fluorescence : Blue 400 / Yellow 560 / Infrared 800

Integrated Camera
Optional : HD 1CMOS / 3CMOS / 4K
USB Drive : Flash memory / HDD
Optional: Provision to fix Endoscope camera

Multi Functional Handgrip for Zoom, Focus, Electro magnetic Brakes, Joystick powered optical head movements,





Technical Data – Ocula

Optics	Fully Apochromatic optics with Multi Layer AR Coating	
	Eye Piece	10 X Widefield & High Eye point
	Binocular View	0°-210°Tiltable Binocular Tube
	Magnification	1:6 Motorized Zoom
	Objective / Focus	Motorized Multifocal optics with Working distance 200 – 500mm
Illumination	Option 1: 300W Xenon Lamp with Standby Hi-power LED Option 2: Dual, independently powered Hi-power LED	
	Day light Colour Temperature	
	Easy Lamp Changing Provision	
	Continuously variable Illumination Spot diameter with Gaussian distribution	
Fluorescence	Blue 400	
	Yellow 560	
	Infrared 800	
Video (Optional)	Integrated Camera	Recorder
	<ul style="list-style-type: none"> • 1CMOS full HD (1080p) • 3CMOS full HD (1080p) 	<ul style="list-style-type: none"> • External USB Port (Flash Drive / HDD) • Video Format: mov • Output: HD-SDI • Optional 500GB Internal Memory
Microscope Movement	Magnetic Breaks for all 6 axis	
	Fine optical head swivel by Joystick control independently	
	Multifunctional Handgrip	
	Optional: Multifunctional Foot Control	
Stand Part	Horizontal Length of arms: 1430mm	
	Vertical Height from Objective Lens: Min. 900mm / Max. 1780mm	
	Arm Rotation: 300°	
	Carrier Arm Length: 900mm	
	Base Size: 730 x 730mm	
	Mobility: On 4 Lockable Castor Wheels	
	Power Supply: AC 220V ± 20V 50Hz	
	Weight: Approx. 240 Kg	
Accessories	Stereo Co-Observer Tube	
	Face to Face Attachment	
	0°-210°Tiltable Binocular Tube	
	Endo port (Provision to fix Endoscope camera)	



Surgical Operating Microscope

- ❖ ENT
- ❖ Neuro / Spine
- ❖ Ophthalmic
- ❖ Plastic & Reconstructive
- ❖ Dental



Original Equipment Manufacturer

Sanma Medineers Vision Private Limited
20, Brahmin Street, Korattur,
Chennai – 600080, India
sales@sanmas.com
www.sanmas.com

* Specifications & Design are subject to change without prior notice as a result of further product development

Certification & Regulatory
Medical Device Directive 93/42/EEC
EMC Directive 89/336/EEC
Clinical Evaluation MEDDEV 2.7.1, Rev.04
Technical dossier as per MEDDEV 2.5.1
EN ISO 13485:2016 CB: BSI, Certificate no.: MD 667228
ICMED 00019:13485