



Crisp i

Captivate Variant



FOUNDATIONAL *micro* OTOLARYNGOLOGIC PROCEDURES

- ◆◆ Apochromatic Optics
- ◆◆ Expansible 5 Step Magnification
- ◆◆ Stunning Stereoscopic Binocular View
- ◆◆ Bright Day Light Color Temperature LED Illumination
- ◆◆ Comfortable Working Positions

Optics

Allows ENT specialists to access and target small, delicate structures with precision.

Illumination

Bright, shadow-free lighting is crucial for deep or small spaces, such as the ear canal or nasal cavities. LED illumination is preferred for its brighter, whiter light and longer lifespan

Depth of Field

Provides a clear, three-dimensional view of the surgical field, essential for navigating complex anatomical structures.

Adaptability

Microscopes should offer positioning freedom and easy manoeuvrability, allowing smooth movement with one hand.

Ergonomics

Reduces surgeon fatigue and enhances control during long surgeries.



**AFFORDABLE
EXCELLENCE**



Crisp-i

" a Legacy of Clarity and Confidence "

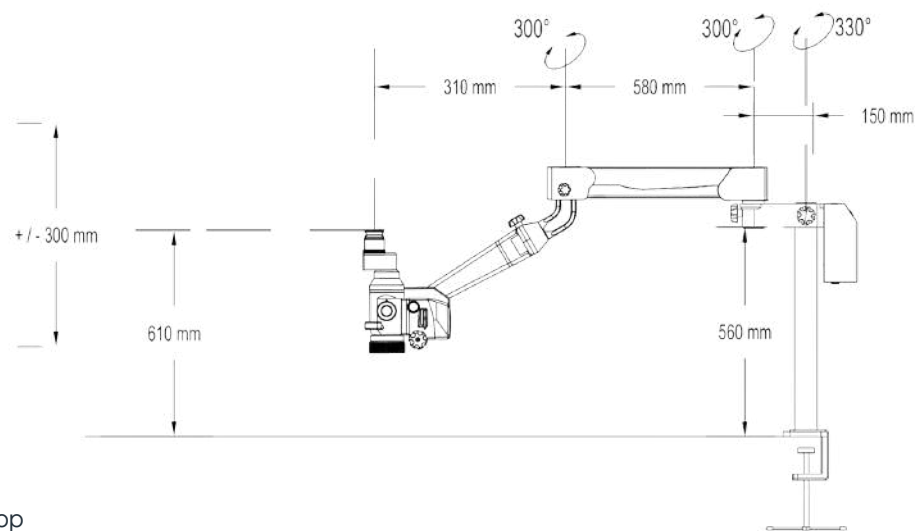
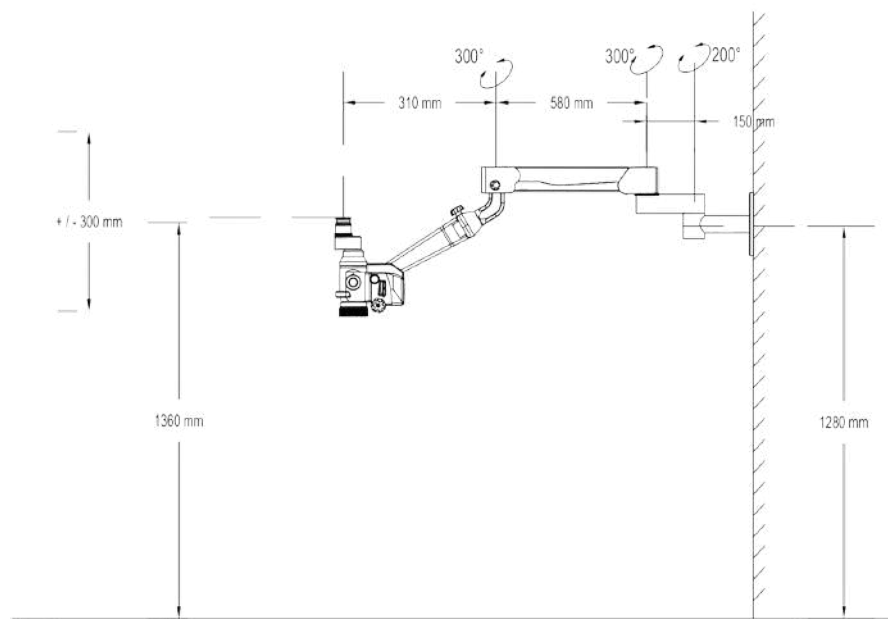
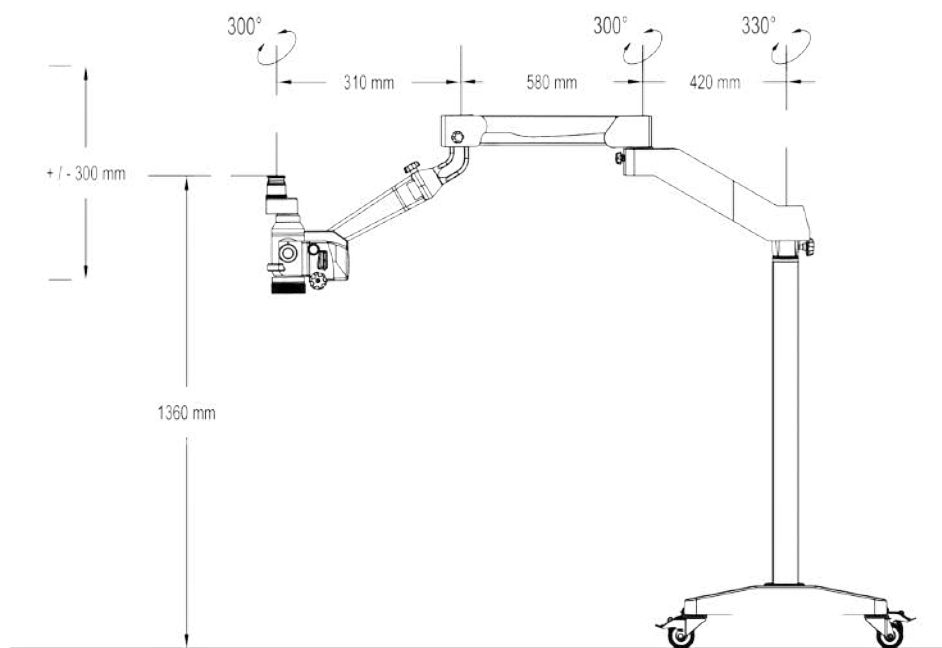


Table Top



Wall Mount

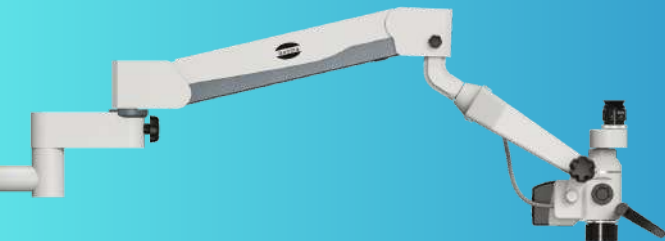


Floor Stand

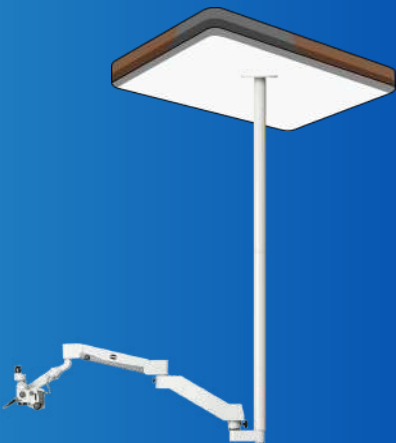
Sanma
ENT Surgical Operating Microscope
Crisp i



Table Top



Wall Mount



Ceiling Mount



Floor Stand

Camera Attachment

Compact camera system with high sensitivity sensor and optics that transforms picture perfect surgical live visual effect on screen

HD CMOS
60fps
HD-SDi / HDMI



Endoscope Camera Attachment: Provision to fix endoscope camera



Beam Splitter
80:20 or 50:50



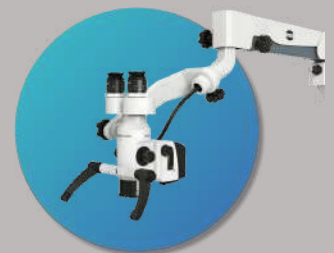
C - Mount & endoscope
camera optical coupler



Optional Binocular Eyepiece Tube



0°-210° Tilt able



90° Straight

Technical Specification

Features	Included	Optional
Optics	Apochromatic corrected, BBAR coated, Galilean Type	
Eye Piece	10x Wide Field & High Eye Point	12.5x
Binocular	Straight 90° binocular	0°210° tilt able binocular tube
Diopter Adjustment	+6 to -6	
Inter Pupillary Adjustment	50mm to 75mm	
Magnification	5 Step: 0.4X, 0.6X, 1.0X, 1.6X, 2.5X	
Working Distance	f=250mm	• 200mm / 300mm / 400mm
Fine Focus	Manual Adjustment by Knob	
Movements	<ul style="list-style-type: none"> • Optical Head: 0° to 90° axially and 180° side wise • Articulated spring for carrier arm suspension • DG bearing system for smooth movements. 	
Illumination	<ul style="list-style-type: none"> • Integrated LED • Homogenous shadow free bright white spot day light color temperature • Inbuilt UV filter • Bulb life +/- 50,000 hours • FOV: 60mm 	
Power	220 - 240v 60 - 50Hz Power Cable: 3 pin, 5M	
Weight	+/- 74kg : Floor stand, four castor wheels with lockable brakes <ul style="list-style-type: none"> • Optical head with 90° bino: +/- 1.80 kg • Optical head with 0°-210°: +/- 2.30 kg 	

Crisp i

PARTNER

- SURGICAL
- DIAGNOSING
- SKILL LAB





Empowering
Surgeons



Bringing microscopic accuracy to
macroscopic results in ENT surgery

EMC 2014/108/EC
EAR Regulation (EU) 2017/745 on Medical Devices
Clinical Evaluation report as per EU MDR 2017/745
Technical documentation as per Annex II of EU regulation 2017/745
ISO 13485:2016
CDSCO: TN/M/MD/OO4755

Specifications & Design are subject to change without prior notice as a result of further product development
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ENT and Head & Neck
Surgical Operating Microscope

