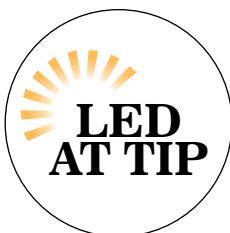


VIDEO COLONOSCOPE

mBLU HD Video Endoscope



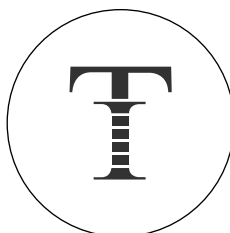
Model : OVC-mB2H (L/I/S)



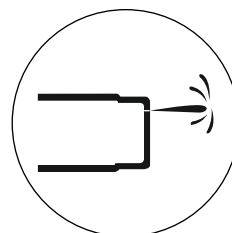
LED At Tip



HD Imaging



TIT



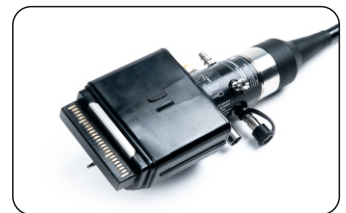
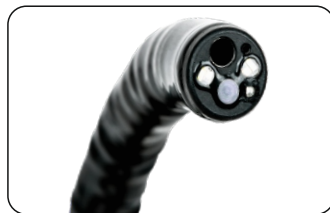
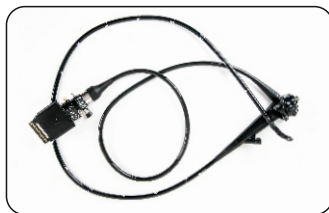
Auxiliary Channel




Single Step
Water Proof
Connector

Features:

- Super Bright LED-At-Tip: Experience 30% increase in the brightness levels along with 15% wider spread, thanks to the new Phosphor coating on the LED substrate, providing high reliability over the years.
- mBLU Imaging: An advanced optical & light sensor technology which increases the detection/characterisation of lesions/polyps by depicting brighter and clearer endoscopic images.
The mBLU system utilises two modes:
mBLU Mode 1 - For Spectral Mucosal Tissue Structure Enhancement
mBLU Mode 2 - For Vascular Architecture Visualisation
- Ottomed patented LED-At-Tip Technology does away with the fragile light guide glass fibre bundle making the scopes very sturdy and environment friendly. Long life, superior light intensity, low maintenance & low replacement cost.
- HD Imaging.
- Using custom developed super luminous LED for mBLU imaging (colour enhance technology).
- A new Tactile Insertion Tube (TIT) construction which is 1:1 Torque sensitive. Quick Torque Transmission (QTT) technology allows rapid control of the scope helping the user to carry out minimally invasive, precise and effective procedures.
- Dedicated Auxiliary Water Channel for washing the mucosa of the GI tract.
- Ultra-light weight, Single Step Waterproof Connector makes the Endoscope more reliable and user-friendly.



Specifications:

Model	OVC-mB2H (L/I/S)	
Optical System	Field Of View	140°
	Direction Of View	Forward Viewing
	Depth Of Field	3-100 mm
	Optical Technology - mBLU	mBLU Mode 1 & mBLU Mode 2
Insertion Tube	Distal End Outer Diameter	13 mm
	Insertion Tube Outer Diameter	12.8 mm
	Distal End Enlarged	1. Air/water nozzle
		2. Illumination LEDs (W/B)
		3. Objective lens
		4. Instrument channel outlet
		5. Auxiliary water channel
Working Length	L: 1680 mm I : 1330 mm S: 730 mm	
Instrument Channel	Channel inner diameter	3.7 mm
	Minimum visible distance	3 mm from the distal end
	Direction from which endo-therapy accessories enter and exit the endoscopic image	
Air Flow Rate		25 cm ³/s
Bending Section	Angulation Image	UP 180° DOWN 180° RIGHT 160° LEFT 160°
Total Length		L: 1980 mm I : 1630 mm S: 1030 mm
Compatible Video Processor		OVP-SEII Plus

Manufactured by:

MITRA MEDICAL SERVICES LLP

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*Specifications, Designs and Models are subject to change without any obligation on the part of the manufacturer

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