

AIRWAY MOBILESCOPE

MAF-DM2/GM2/TM2

For Airway Management and Bronchoscopy



MAF-DM2/GM2/TM2

Portable Flexible Endoscope with Expanded Viewing and Recording Capabilities

Complete Stand-Alone Design

Incorporating a monitor, LED light source, battery and recording device in a single unit, this versatile endoscope enables observation without peripherals or cables.

Choose from 3 Different Scopes

The MAF-DM2 with its slim 3.1 mm diameter is the latest addition to the OLYMPUS airway mobilescope product portfolio. The three different scopes cover a wide range of needs in the field of airway management and bronchoscopy.

3.5-Inch Monitor

The tiltable and rotatable monitor makes observation easy and provides operation control to suit the operator or to share the view with others.

Still Image / Movie Recording and Management

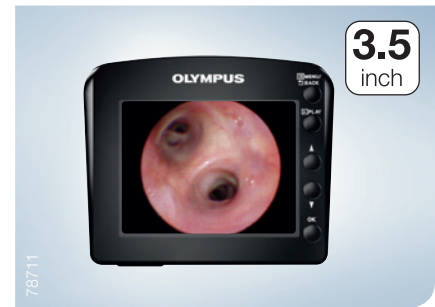
Both still images and movies can be recorded on an SD card for easy referencing and management. Images can be transferred easily to a PC for additional processing.

OLYMPUS MAF-DM2/GM2

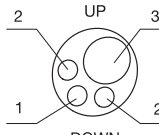
Small insertion tube diameter type suitable for intubating.

OLYMPUS MAF-TM2

Equipped with a 2.6 mm diameter instrument channel that is large enough to support suction, BAL and instrument use.



Scope Specifications Information

Model		MAF-DM2	MAF-GM2	MAF-TM2
Optical System	Field of view	90°		
	Direction of view	Forward viewing		
	Depth of field	2-50 mm	4-50 mm	3-50 mm
Insertion Tube	Distal end outer diameter	3.1 mm	3.9 mm	5.1 mm
	Distal end enlarged			
	1 Objective lens			
	2 Light guide lens			
	3 Fluid feed channel outlet			
	4 Instrument channel outlet			
Suction Channel	Insertion tube outer diameter	3.1 mm	4.1 mm	5.2 mm
	Insertion section working length	600 mm		
	Channel inner diameter	1.2 mm	1.5 mm	2.6 mm
Bending Section	Angulation range	Up 120° / Down 120°		Up 180° / Down 130°
Total Length		910 mm		

Notes: The MAF-DM2 and MAF-GM2 are not designed to be used with EndoTherapy devices.

The MAF-DM2, MAF-GM2 and MAF-TM2 are not compatible with electrosurgery or laser cauterization.

Camera Specifications

Applicable Battery	Lithium-ion Battery LI-92B
Applicable Battery Charge	Lithium-ion Battery Charger UC-90
Rated Voltage	3.6 V
Rated Input	1,350 mA
Operating Time	Continuous operating time: Approx. 60 min (with fully charged battery)*
Dimensions	Approx. 100 × 85 × 50 mm
Camera Rotation	Left 90°/ Right 90°
LCD Monitor Tilt Angle	0-120°

*Operating time may vary depending on the environmental temperature and the condition of the battery.

Number of Recordable Pictures / Maximum Movie Recording Time (with 2 GB SD Card)

	Mode	Image Size (Pixels)	Recordable Images (2 GB)
Still Image	SHQ	1,280 × 960	Approx. 2,000
	HQ	640 × 480	Approx. 60 min.
Movie	SHQ	640 × 480	Approx. 60 min.
	HQ	320 × 240	Approx. 240 min.

The figures in the table are reference values.

Number of recordable pictures / max. movie recording time varies depending on the settings.

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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