

*Mobile airway management, anywhere, anytime*



**Observation**

Recording

Portability

# Portable flexible endoscope with expanded viewing and recording capability.



## Complete standalone design

Incorporating a monitor, LED light source, battery and recording device in a single unit, this versatile endoscope enables observation without peripherals or cables, providing it with a level of mobility that allows it to be used almost anywhere.

## 2.5-inch monitor

The scope incorporates a 2.5-inch monitor to enable observation and control operations in a single view. The monitor can be tilted to adjust the orientation to suit the operator or to share the view with other people.

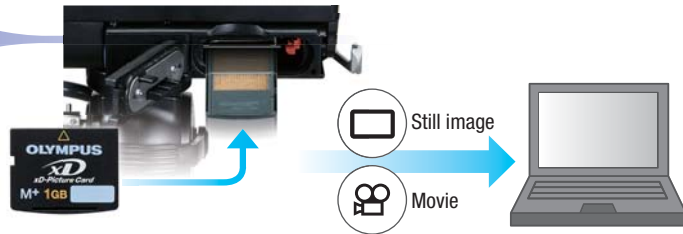


2.5  
inch



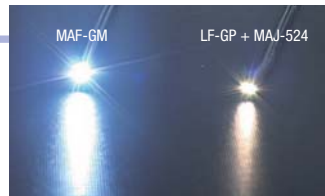
## Still image/movie recording and management

Both still images and movies can be recorded on an xD-Picture Card for easy referencing and management. Images can be transferred easily to a PC for additional processing.



## White LED light source

The built-in light source uses a long-life white LED that facilitates clearer, brighter observation than a traditional halogen light.



### OLYMPUS MAF TYPE GM

Small insertion tube diameter type suitable for intubating.



### OLYMPUS MAF TYPE TM

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

\* This unit cannot be used by connecting to the HF/Asaser product.

#### Scope Specifications

Model	MAF TYPE GM	MAF TYPE TM
Optical system	90°	
Direction of view	Forward viewing	
Depth of field	4 - 50 mm	3 - 50 mm
Insertion tube	Distal end outer diameter	∅ 3.9 mm
	Insertion tube outer diameter	∅ 4.1 mm
	Insertion section working length	600 mm
Suction channel	Channel inner diameter	∅ 1.5 mm
Bending section	Angulation range	Up 120°/Down 120°
		Up 180°/Down 130°
Total length	910 mm	

Notes: \* The MAF-GM is not designed to be used with Endotherapy accessories.  
\* The MAF-GM and MAF-TM are not suitable for electrosurgery and laser cauterization.

#### Camera Specifications

Applicable battery	Lithium-ion battery LI-50B
Applicable battery charge	Lithium-ion Battery Charger LI-50C
Rated voltage	3.7 V
Rate input	750 mA
Operating time	Continuous operating time: Approx. 60 min. (with fully charged battery)*
Frame rate	Still mode
	30 frames per second
Movie mode	15 frames per second
Dimensions	Approx. 102 x 69 x 37 mm
Camera rotation	Left / right 90°
LCD monitor tilt angle	0 - 120°

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

#### Number of recordable pictures /

Maximum movie recording time (with 1 GB xD-Picture Card)

	Mode	Image size (pixels)	Recordable images (1 GB)
Still image	SQ1	1,600 x 1,200	Approx. 2,000
	SQ2	640 x 480	Approx. 5,800
Movie	SHQ	640 x 480	Approx. 15 min.
	HQ	320 x 240	Approx. 45 min.
	SQ	160 x 120	Approx. 120 min.

\* The figures in the table are typical values.  
Number of recordable pictures/max. movie recording time varies depending on the settings and subjects.

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

**OLYMPUS**<sup>®</sup>

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