

BF-MP190F

Enhance Your Impact by Reaching Further with the Ultrathin Bronchoscope



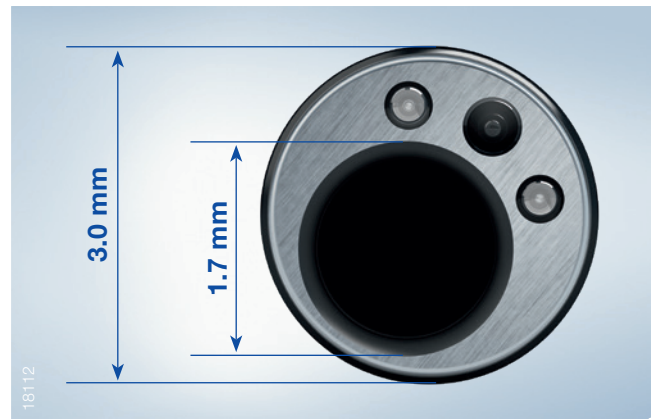
BF-MP190F

The interest in peripheral bronchoscopy is growing among pulmonologists. Technologies such as radial EBUS, the GuideSheath Kit approach, and the use of navigation systems have also helped to improve confidence in diagnosing remote tumors. The BF-MP190F ultrathin bronchoscope improves access to deep lung areas, helps approach the lesion, and in combination with the miniature ultrasound probe enables real-time imaging of the surrounding tissue allowing to determine the lesion's exact location and size.

Main Features

Reach Even Further

The unique design, combining fiber optics with a video chip in the handle of the bronchoscope, provides an optimal ratio of outer diameter to working-channel size. With the BF-MP190F, a 3.0 mm distal-end outer diameter is combined with a 1.7 mm working-channel diameter. This scope facilitates access to peripheral lung regions for effective diagnostics.



Access Most Challenging Locations

An upward angulation range of 210° supports smoother insertion into the upper-lobe bronchi and allows more of a bend in the scope when an EndoTherapy device is inserted into the endoscope's working channel.



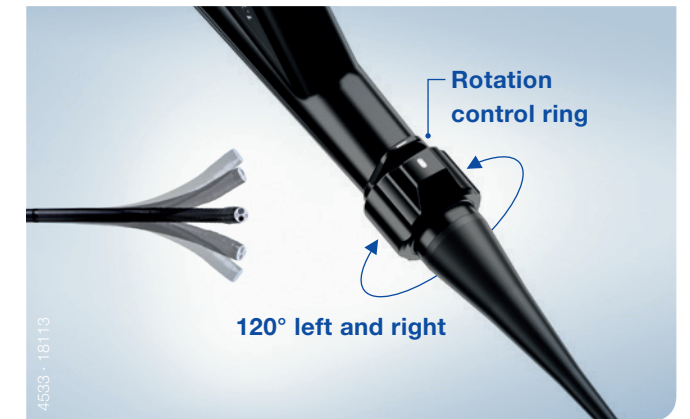
Handle with Peace fo Mind

A new connector design minimizes the effort required for setup prior to and in between cases. In addition, it is fully submersible without a water-resistant cap and eliminates the associated risk of an expensive repair due to accidental immersion.



Adjust the Scope to Work for You

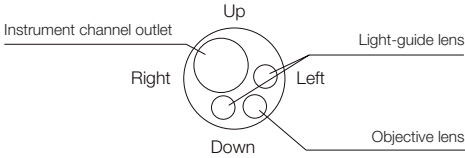
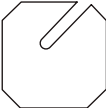
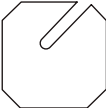
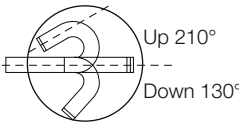
The insertion tube can be rotated left or right up to 120° by simply turning a ring on the control section of the scope. This supports easier operation and smoother insertion of the miniature probe and sampling devices and can provide easier access to the biopsy port during the procedure.



The slim Olympus 1.7 mm ultrasound miniature probe is compatible with the scope's working channel as well as a cytology brush and biopsy forceps for effective confirmation and sampling in peripheral lung regions.



This growing portfolio of dedicated sampling devices supports your diagnostic efforts in the peripheral lung, as well as those for pediatric bronchoscopy.

Specifications															
Optical System	Field of view	90°													
	Direction of view	Forward viewing													
	Depth of field	2–50 mm													
	Distal end outer diameter	3.0 mm													
Insertion Section	Distal end enlarged														
	Instrument Channel	<table border="1"> <tr> <td>Insertion tube outer diameter</td> <td>3.7 mm</td> </tr> <tr> <td>Working length</td> <td>600 mm</td> </tr> <tr> <td>Insertion tube rotation function</td> <td>Yes</td> </tr> <tr> <td>Rotation range</td> <td>Right: 120°, left: 120°</td> </tr> <tr> <td>Channel inner diameter</td> <td>1.7 mm</td> </tr> <tr> <td>Minimum visible length</td> <td>2 mm from the distal end</td> </tr> <tr> <td>Direction from which EndoTherapy accessories enter and exit the endoscopic image</td> <td>  </td> </tr> </table>	Insertion tube outer diameter	3.7 mm	Working length	600 mm	Insertion tube rotation function	Yes	Rotation range	Right: 120°, left: 120°	Channel inner diameter	1.7 mm	Minimum visible length	2 mm from the distal end	Direction from which EndoTherapy accessories enter and exit the endoscopic image
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Working length	600 mm														
Insertion tube rotation function	Yes														
Rotation range	Right: 120°, left: 120°														
Channel inner diameter	1.7 mm														
Minimum visible length	2 mm from the distal end														
Direction from which EndoTherapy accessories enter and exit the endoscopic image															
Bending Section	Angulation range 														
Compatible System	EVIS EXERA III Video System Center OLYMPUS CV-190 / Xenon Light Source OLYMPUS CLV-190														
Additional Information	Insertion tube rotation function	Yes													
	Compatibility with radial EBUS	Yes (UM-S20-17S)													
	Compatibility with GuideSheath	Not available													
	Narrow Band Imaging (NBI)	Not available													
	HF/laser compatibility	Not available													

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