

OLYMPUS

Your Vision, Our Future

EVIS LUCERA ELITE

BF-MP290F

Ultra-thin Bronchoscope Ideal for Peripheral Lung Regions



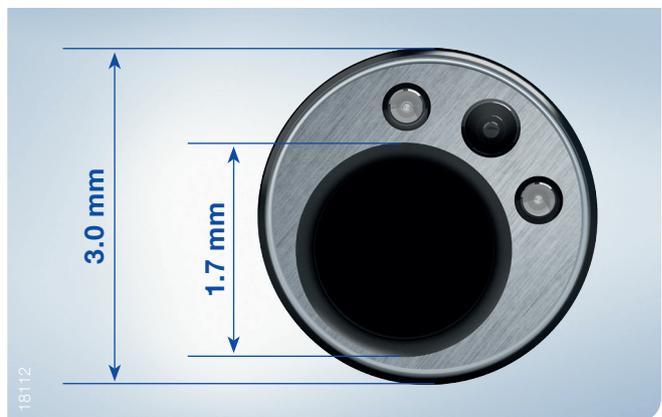
BF-MP290F

The interest in peripheral bronchoscopy is growing among pulmonologists. Technologies such as radial EBUS, the GuideSheathKit approach, and the use of navigation systems have also helped to improve confidence in diagnosing remote tumours. Olympus supports the interventional pulmonologist and continuously develops devices to improve diagnostics in the lung. BF-MP290F accesses deep lung areas, approaches the lesion, and provides compatibility to confirm the lesion using radial ultrasound.

Main Features

Slim Design

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-MP290F, 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.



Wider Angulation Range

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.



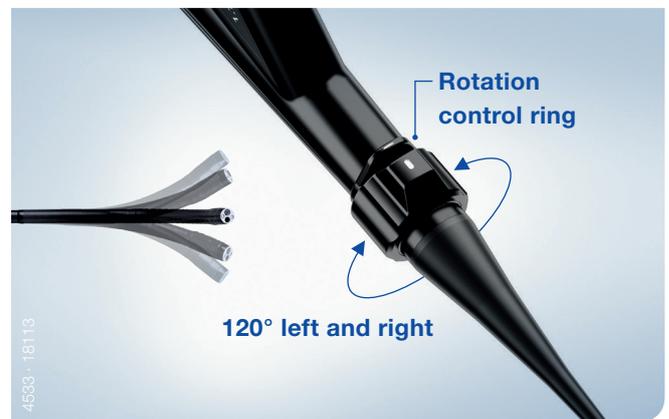
Waterproof One-Touch Connector

A new connector design minimises the effort required for set up 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.



Insertion Tube Rotation Function

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.

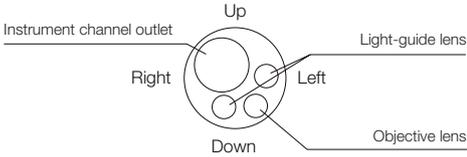
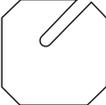
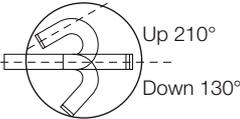


Targeting and Sampling Device Portfolio

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		
	Insertion tube outer diameter		3.7 mm
	Working length		600 mm
	Insertion tube rotation function		Yes
	Rotation range		Right: 120°, left: 120°
Instrument Channel	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 LUCERA ELITE Video System Center OLYMPUS CV-290 / Xenon Light Source OLYMPUS CLV-290
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	

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