

EVIS EUS ULTRASOUND BRONCHOFIBERVIDEOSCOPE

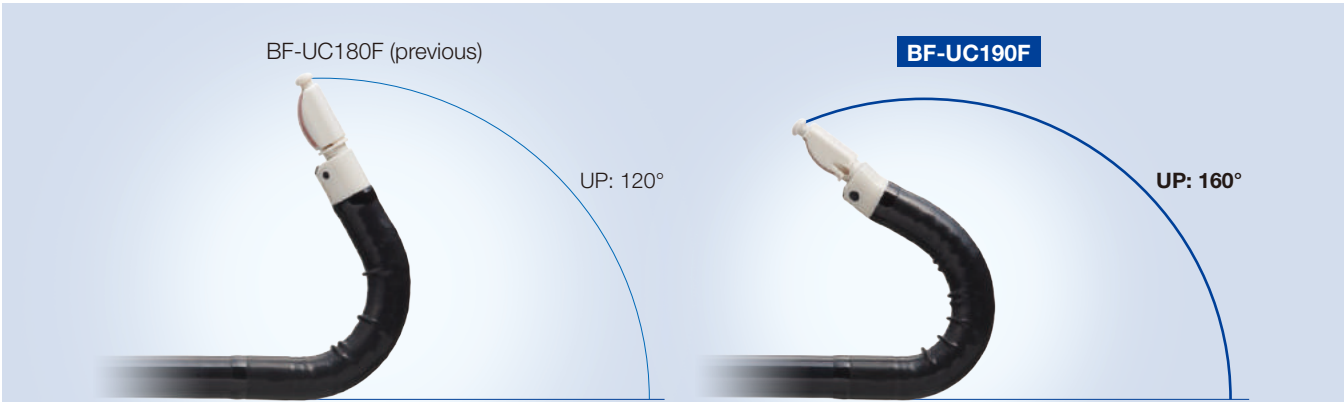
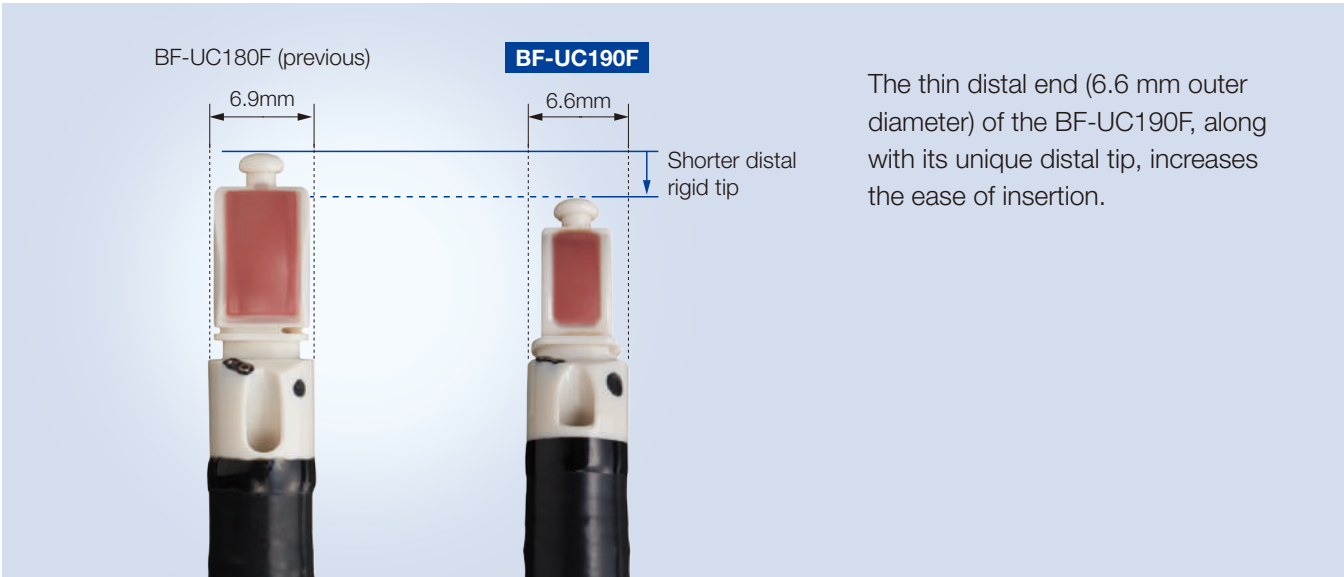
BF-UC190F

Enhanced access and control to allow staging and diagnosis of even difficult-to-reach lymph nodes and lesions



Increased accessibility and improved insertability combined with enhanced image quality leading to more efficient and effective diagnosis.

Enlarged diagnostic area



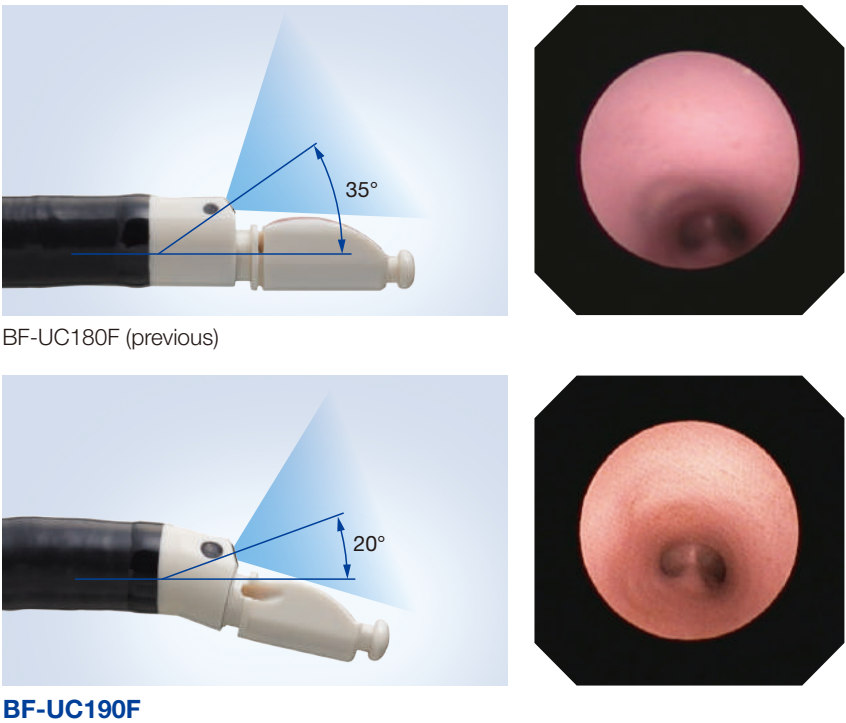
The powerful angulation of the BF-UC190F, with approximately 160 degrees UP, supports smoother insertion to the upper/lower lobe bronchi and allows more of a bend in the scope when an Endo Therapy device is inserted in the working channel.



The combination of the thin distal end and wider angulation range greatly enhances maneuverability. This enables easier access to previously difficult-to-reach areas such as 4L and 10R.

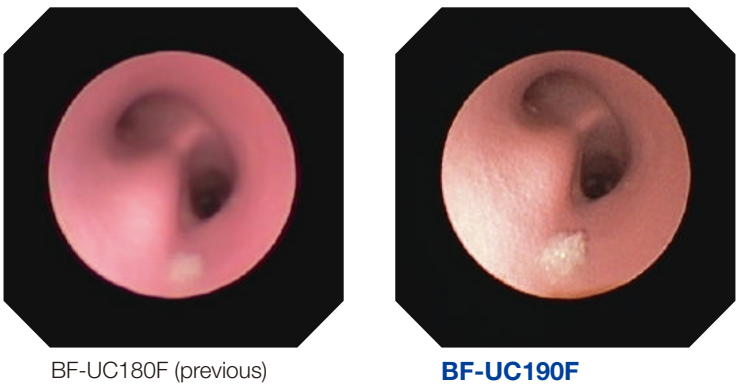
Easier intubation and orientation

The decreased forward oblique angle from 35 degrees to 20 degrees, combined with improved image quality, allows for easier EBUS scope insertion, especially when passing through the vocal cords. It also allows the operator to keep the endoscopic image in full field of view and assists the anatomic overview.



Enhanced image quality

The endoscopic image of the BF-UC190F has higher resolution than predecessor models. This enhances visualization with a clearer image.

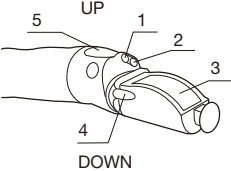


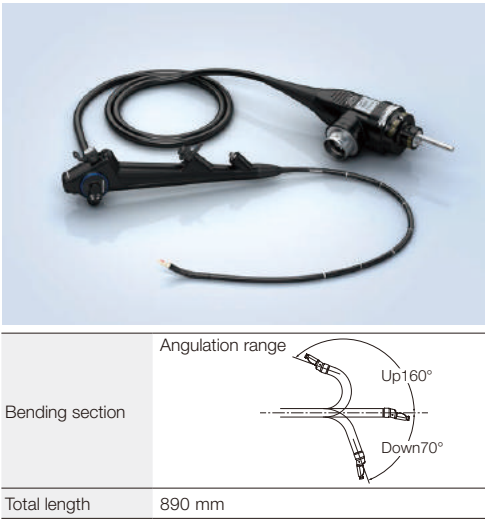
Bronchofibervideoscope sample images were shot using a bronchoscopy training model.

OLYMPUS BF-UC190F

Specifications

■ Endoscopic Functions

Optical system	Field of view	80°
	Direction of view	20° forward oblique
	Depth of field	2 to 50 mm
Insertion tube	Distal end enlarged	
	1. Objective lens	
	2. Light guide lens	
	3. Ultrasound transducer	
	4. Balloon channel outlet	
		
	Distal end outer diameter	6.6 mm
	Insertion tube outer diameter	6.3 mm
	Working length	600 mm
	Channel inner diameter	2.2 mm
Instrument channel	Direction from which Endo-Therapy accessories enter and exit the endoscopic image	



■ Ultrasound Functions

Model	With EU-ME2	With ProSound F75
Operating Mode	B-mode, COLOR FLOW mode, POWER FLOW mode	B-mode, M-mode, D-mode, Power Flow mode, Flow mode, eFLOW-mode
Scanning method	Electronic curved linear array	
Scanning Direction	Parallel to the insertion direction	
Frequency	5, 6, 7.5, 10, 12 MHz	5, 7.5, 10, 12 MHz
Scanning Range	65°*	
Contacting Method	Balloon method*, Direct Contact method	

*Balloon MAJ-1351 can be used with the BF-UC190F



Single-Use Aspiration Needle NA-201SX-4021, 4022 / NA-U401SX-4021, 4022 / NA-U403SX-4019
ViziShot 21G, 22G / ViziShot 2 21G, 22G / ViziShot 2 FLEX 19G

Three types of EBUS-TBNA needles — ViziShot, ViziShot 2 and ViziShot 2 FLEX — can be used with the BF-UC190F.



Ultrasound Cable
MAJ-2056

The cable's detachable design makes the ultrasound endoscope easy to handle, reprocess and store.

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