

■ Endoscopic Ultrasonic Probe Specifications

	UM-BS20-26R	UM-S30-20R	UM-S30-25R	UM-S20-17S	UM-S20-20R	UM-2R/3R
Display mode	B-Mode					
Scanning method	Mechanical radial scanning					
Scanning direction	360° circumferential, in perpendicular direction with respect to probe insertion direction					
Ultrasonic frequency	20MHz	30MHz		20MHz	12MHz (2R), 20MHz (3R)	
Working length	2050 mm		2150 mm	2050 mm		
Total length	2140 mm		2225 mm	2140 mm		
Insertion tube	2.5 mm	1.7 mm (distal end 850mm) 2.0 mm (on connector side)	2.4 mm	1.4 mm (distal end 1085mm) 1.7 mm (on connector side)	1.7 mm (distal end 850mm) 2.0 mm (on connector side)	2.4 mm
maximum diameter	2.6 mm	2.0 mm	2.5 mm	1.8 mm	2.0 mm	2.5 mm
Compatible scope	2.8 mm or more	2.2 mm or more	2.8 mm or more	2.0 mm or more	2.2 mm or more	2.8 mm or more
Contact method for ROI	Balloon Contact Method		Direct Contact Method			
Distal-end illustration						
Guide-sheath compatibility	×	○	×	○	○	×

■ Guide Sheath Kit Specifications

Model name	K-201	K-202	K-203	K-204
Compatible channel diameter	2.0 mm		2.6 mm	
Set content	Guide Sheath SG-200C Biopsy Forceps FB-233D Cytology Brush BC-204D-2010	SG-200C FB-233D -	SG-201C FB-231D BC-202D-2010	SG-201C FB-231D -
ET Stopper	3 pcs. (white)		3 pcs. (2 pcs: gray / 1 pc: white)	
US Stopper	1 pc. (white)		1 pc. (gray)	

■ Guide Sheath Kit (K-201/K-203)



Complete set of guide sheath combinations with biopsy forceps and cytology brush. Available in two types — large diameter (2.6 mm) and small diameter (2.0 mm).

K-201: 2.0 mm K-203: 2.6 mm  
 • ET Stopper 3 pcs.  
 • Guide Sheath (single-use)  
 • Biopsy Forceps (single-use)  
 • US Stopper 1 pc.

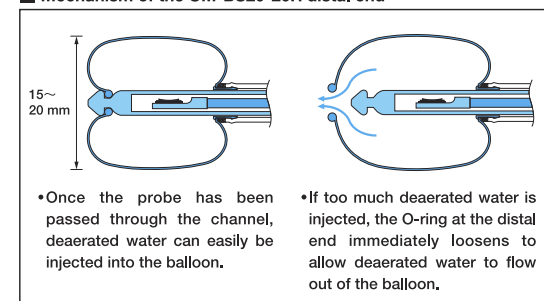
■ Guide Sheath Kit (K-202/K-204)



Guide sheath and biopsy forceps. Available in two types — large diameter (2.6 mm) and small diameter (2.0 mm).

K-202: 2.0 mm K-204: 2.6 mm  
 • ET Stopper 3 pcs.  
 • Guide Sheath (single-use)  
 • Biopsy Forceps (single-use)  
 • US Stopper 1 pc.

■ Mechanism of the UM-BS20-26R distal end



- Once the probe has been passed through the channel, deaerated water can easily be injected into the balloon.
- If too much deaerated water is injected, the O-ring at the distal end immediately loosens to allow deaerated water to flow out of the balloon.

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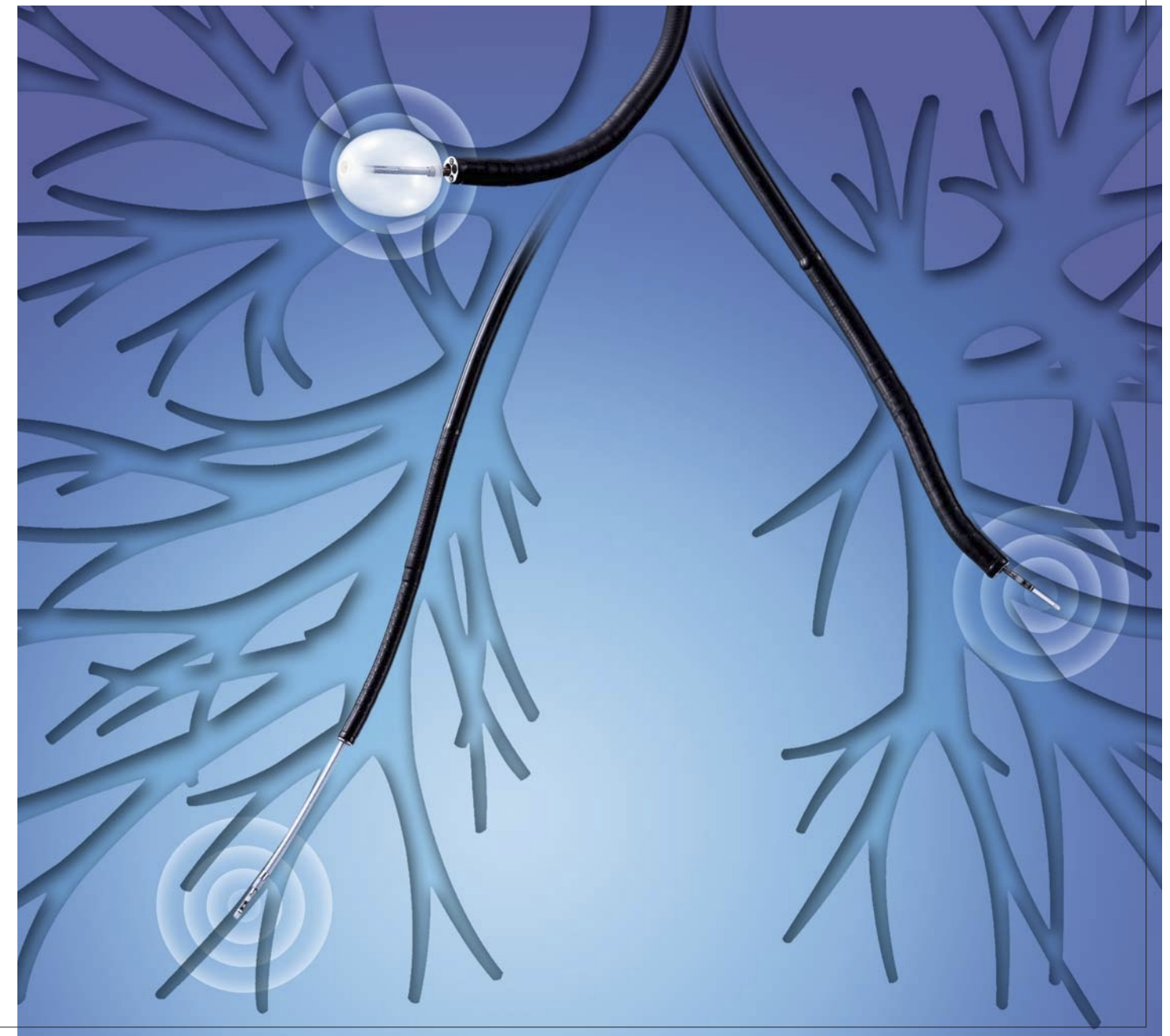
Your Vision, Our Future

**EUS**  
ENDOSCOPIC ULTRASOUND SYSTEM

Endoscopic Ultrasonic Probes

**UM-BS20-26R**  
**UM-S30-20R/UM-S30-25R**  
**UM-S20-17S/UM-S20-20R**  
**UM-2R/UM-3R**

A Wide Range of Ultrasonic Probes Enhances EBUS Versatility



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

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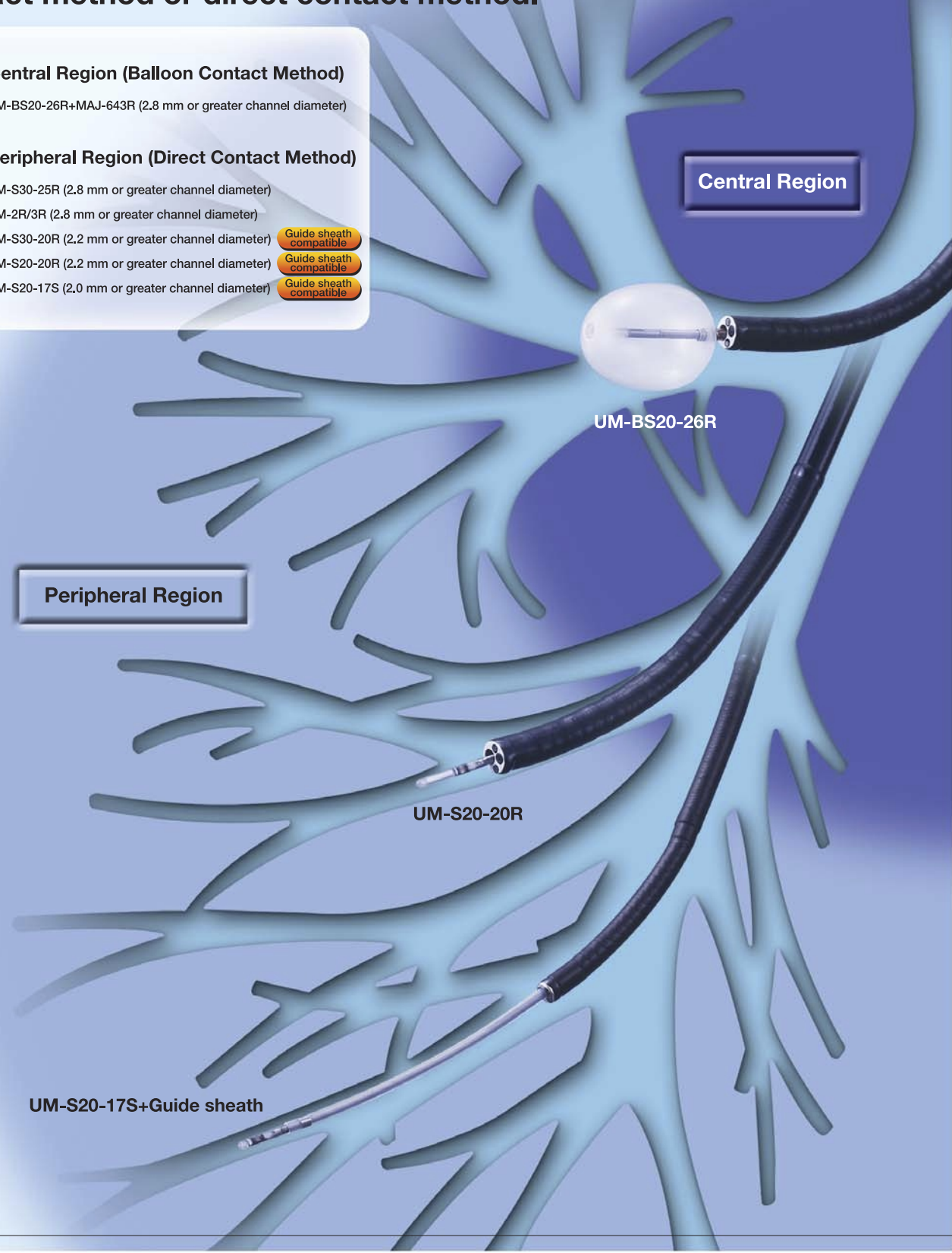
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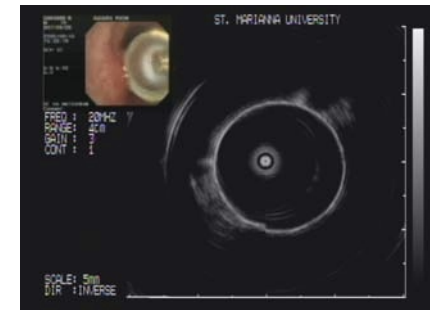
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Compatible with channel diameters of 2.0 mm, 2.2 mm, and 2.8 mm, this comprehensive selection of ultrasonic probes from Olympus allows endobronchial ultrasonography of the target lesion in various regions of the bronchi, using either balloon contact method or direct contact method.

- Central Region (Balloon Contact Method)**  
UM-BS20-26R+MAJ-643R (2.8 mm or greater channel diameter)
- Peripheral Region (Direct Contact Method)**  
UM-S30-25R (2.8 mm or greater channel diameter)  
UM-2R/3R (2.8 mm or greater channel diameter)  
UM-S30-20R (2.2 mm or greater channel diameter) Guide sheath compatible  
UM-S20-20R (2.2 mm or greater channel diameter) Guide sheath compatible  
UM-S20-17S (2.0 mm or greater channel diameter) Guide sheath compatible

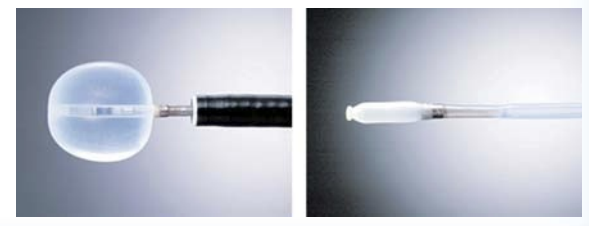


### Balloon Contact Method **UM-BS20-26R**



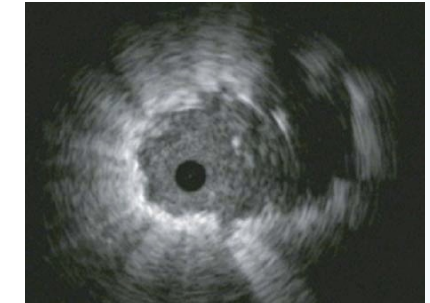
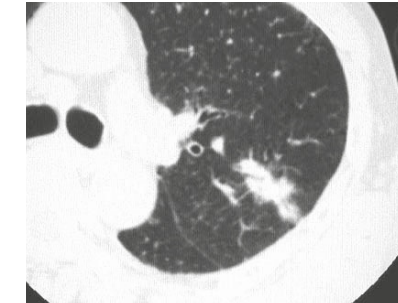
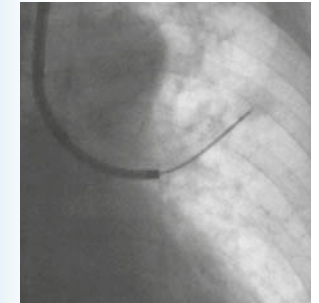
#### ■ UM-BS20-26R Main Features

- Compatible with bronchoscopes with a channel diameter of 2.8 mm or greater.
- The Balloon Contact Method can be used when this probe is combined with the MAJ-643R dedicated balloon sheath. Once this combination has been passed through the scope channel, the balloon can be inflated at the tip of the probe.
- All you have to do to perform ultrasonography is connect the probe to a radial type endoscopic ultrasound center.



Caution: The Balloon contains natural rubber latex which may cause allergic reactions.  
Note: The optional three-way stopcock, syringe, and extension tube are required when the balloon sheath is used.

### Direct Contact Method **UM-S20-17S** Guide sheath compatible



#### ■ UM-S20-17S Main Features

- With an insertion tube that measures just 1.4 mm in diameter, this probe is compatible with a guide sheath with a 2.0 mm channel diameter.
- 20 MHz frequency generates high resolution images to support diagnosis and observation.
- This probe uses the S length, making it longer than standard probes and enhancing maneuverability when approaching the target site.

**[Guide Sheath Method]**  
This new technique is expected to improve the reliability and accuracy of bronchoscopic approaches to peripheral lung lesions, enhancing diagnostic results and improving efficiency.

**GuideSheathKit**