

購 買 (英 文) 規 格 書

COMMODITY DESCRIPTION

關 稅 分 類 番 號 H.S. NO.	品目番號 ITEM NO.	品 目 및 規 格 DESCRIPTION	單 位 UNIT	數 量 QUANTITY
		방사형 초음파 기관지내시경 (Radial EBUS System)	Set	1

A. Features :

1. Broncho Videoscope

1) Ultra-slim-design videoscope

Newly developed micromini CCD on the tip realizes drastically improved image quality over conventional hybrid scopes*, while maintaining an ultra-slim diameter and 2.0mm instrument channel.

2) NBI (Narrow Banding Imaging)

NBI is an optical image enhancement technology that improves the visualisation of vessels on the mucosal surface.

3) Insertion tube rotation function

The insertion tube can be rotated left or right up to 120 degrees by simply turning a ring on the control section of the scope. This supports easier operation and smoother insertion with less operator fatigue.

4) Wider angulation range

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

5) Easier approach to upper lobe bronchi

The combination of two key operational features, insertion tube rotation function and wider angulation range, enhances scope manoeuvrability, allowing an easier approach to previously difficult-to-reach areas such as an easier approach to the target in the lung periphery.

2. Driving Unit

- 1) Designed to support a Wide Range of EUS and EBUS Procedures Applicable to a wide spectrum of EUS and EBUS Procedures, slim ultrasound probes have a wide frequency range of 7.5 to 30 Mhz enabling observation at

high frequencies to provide higher resolution of superficial layers, while also facilitating endosonography of difficult-to-access locations such as strictures. In addition, these probes can be used in intraductal ultrasonography, which is not possible with conventional EUS scopes

2) Dual-plane reconstruction

When you combine a Ultrasound Mini Probe with Driving Unit, DPR technology allows dual radial and linear images to be displayed simultaneously after a single stroke of the helical scan, DPR makes ultrasound images easier to interpret, since it generates two dimensions that correlate directly with one another. When combination with Ultrasound processor, DPR data can deliver 3D images in real time.

B. Specification :

1. Broncho Videoscope

1) Optical system

- (1) Field of view : 110°
- (2) Direction of view : Forward Viewing
- (3) Depth of field : 2 ~ 50mm
- (4) Image quality : Videoscope

2) Insertion Tube

- (1) Distal end outer diameter : 4.2mm
- (2) Insertion tube outer diameter : 4.1mm
- (3) Working Length : 600mm
- (4) Insertion tube rotation Function : Yes

3) Instruction Channel

- (1) Channel inner diameter : 2.0mm
- (2) Minimum visible length : 3.0mm from the distal end

4) Bending section

- Range of tip bending : Up 210° , Down 130°

2. Driving Unit

- 1) Size: 71mm(W)* 94mm(H) 190mm(D)
- 2) Total Length: 1,850mm
- 3) Weight: 1.4 kg
- 4) Probe Compatibility -Ultrasound Mini Probe

3. Ultrasonic probe (UM-S20-17S)

1) Size

- Total length : 2,140mm

- Working length : 2,050mm
- 2) Scan method : Mechanical Radial Scan
- 3) Display mode : B-mode

C. Consisting of :

1. Broncho Videoscope	1 Ea
2. Driving Unit	1 Ea
3. Supporting Arm	1 Ea
4. EUS Connecting Holder	1 Ea
5. EUS Arm Mount	1 Ea
6. Cleaning Connecting Tube	1 Ea
7. Ultrasonic probe	1 Ea
8. Instruction / Operation manual	Each 1 Ea

D. Remarks :

1. The equipment should be installation by contractor.
2. Unconditionally 3 years warranty after the installation and correct operation.
3. 해당규격 의료기기는 입찰공고일 현재 생산되고 있는 제품으로 입찰참가 등록을 하여야 한다.
4. 무상보증제의 품목 : Ultrasonic probe