

Electrosurgery in Bronchoscopy

Real Power to Inspire Confidence



Electrosurgery Treatment

Confident Electrosurgical Procedures and Argon Plasma Coagulation

The Olympus portfolio of electrosurgical equipment allows physicians to cut, coagulate and resect with confidence — secure in the knowledge that they are using an established and reliable treatment option.

Electrosurgical Generator and Argon Plasma Unit

The ESG-300 supports the needs of the endoscopist by providing a simple, safe and smart source of energy. An intuitive touch screen ensures easy system setup with a choice of 29 display languages. The wireless foot switch allows safer placement in the operating room.

The Argon Plasma Unit (APU-300) can be used in combination with the ESG-300 to provide advanced, superficial hemostasis or tissue devitalization. Different modes to cut or coagulate offer a wide application range.



Video Bronchoscope BF-XT190

The BF-XT190 has a large 3.2 mm working channel. During electrosurgery interventions, fast smoke evacuation is required to keep a good view and control over the field of intervention. Fast removal of secretion is also beneficial during procedures, which is perfectly supported by the BF-XT190.

- Distal end Ø: 6.1 mm.
- Insertion tube Ø: 6.3 mm.
- Instrument channel Ø: 3.2 mm.



Electrosurgery and Argon Plasma Probes That Meet Your Needs

Coagulate, Resect and Retrieve

Olympus has designed versatile EndoTherapy devices to meet all requirements for high-frequency bronchial applications as well as argon plasma coagulation.

Argon Plasma Coagulation Probes

- Different probe designs: axial, lateral, radial.
- Precise, selective coagulation and tissue devitalization.



Hot Biopsy Forceps

- Fenestrated cups for larger biopsies and tissue resection.
- Used as coagulation electrode with closed cups.



Electrosurgery

Specifications at a Glance

Video Bronchoscopes		
	BF-XT190	BF-1TH1100
Insertion Tube OD (mm)	6.3	6.1
Distal End OD (mm)	6.1	5.8
Channel ID (mm)	3.2	3.0
Bending (Up/Down)	180°/130°	180°/130°
Rotation Function (Left/Right)	120°/120°	120°/120°
Working Length (mm)	600	600
Field of View	110°	120°
Depth of Field (mm)	2-50	3-100
NBI	✓	✓
Comments	OT	HDTV. OT

OT = One-Touch Connector

HF System Components		
Article Name	Article No.	Description
ESG-300	WA90003W	Electrosurgical generator
APU-300	WA90004W	Argon plasma unit

Argon Plasma Probes			
Article Name	Article No.	Feature	Min. Working Channel Ø
PA-210K	WA94001A	Axial argon probe	2.0 mm
PA-211U	WA94002A	Axial argon probe	2.8 mm
PA-221U	WA94006A	Lateral argon probe	2.8 mm
PA-231U	WA94007A	Radial argon probe	2.8 mm

Single-Use Hot Biopsy Forceps			
Article Name	Article No.	Feature	Min. Working Channel Ø
FD-231C	N5780730	Oval cups	2.0 mm

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

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