

# OLYMPUS®

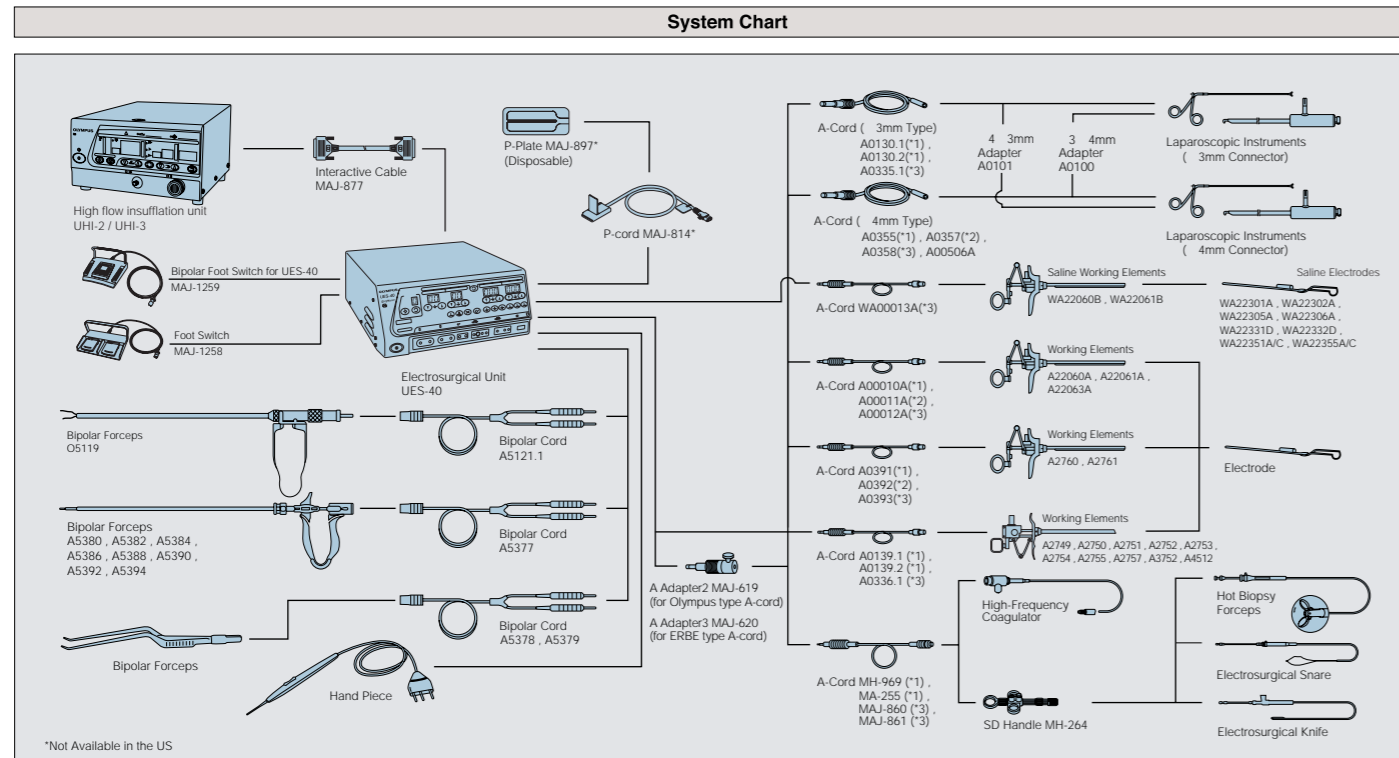
Your Vision, Our Future

ELECTROSURGICAL UNIT

**NEW UES-40**

**SurgMaster**

## Introducing The All-Inclusive Electrosurgical Unit



\*Not Available in the US

(\*1) A Adapter2 MAJ-619 is required (\*2) A Adapter3 MAJ-620 is required (\*3) Directly connectable to UES-40

### Standard Set

Electrosurgical Unit UES-40  
Foot Switch for UES-40 MAJ-1258  
Power Cord

### Optional Accessories

**Bipolar Electrode**  
O5119 / A5380 / A5382 / A5384 /  
A5386 / A5388 / A5390 / A5392 / A5394

**Bipolar Cord**  
A5121.1 / A5377 / A5378 / A5379

**A Adapter2 MAJ-619**  
(for Olympus type A-cord)

**A Adapter3 MAJ-620**  
(for ERBE type A-cord)

**A-Cord**  
A0130.1 / A0130.2 / A0139.1 /  
A0139.2 / A0335.1 / A0336.1 /  
A0355 / A0357 / A0358 /  
A0391 / A0392 / A0393 /  
MA-255 / MH-969(A8406) /  
MAJ-860(A02915A) / MAJ-861\*(A02916A)  
\*Not Available in the US

Item		Specification			
Applicability	Applicable field	General and endoscopic electrosurgery (restricted to endoscopes suitable for electrosurgery)			
High-frequency output	Output method	Monopolar, Bipolar, and saline modes			
	Output types	Monopolar Cutting modes: 3 modes (PURE, BLEND, URO) Coagulation modes: 3 modes (COAG.1, COAG.2, SPRAY)	Bipolar Cutting modes: 1 mode (PURE) Coagulation modes: 3 modes (SOFT1, SOFT2, HARD)		Saline Cutting modes: 2 modes (PURE, BLEND) Coagulation modes: 2 modes (COAG.1, COAG.2)
	Maximum output	Monopolar PURE : 300W BLEND : 250W URO : 300W COAG.1 : 120W COAG.2 : 120W SPRAY : 120W	Bipolar PURE : 90W SOFT1 : 90W SOFT2 : 90W	HARD L1 : 80W L2 : 120W L3 : 160W	Saline PURE : 320W BLEND : 320W COAG.1 : 200W COAG.2 : 80W
	Adjustment increments	5W increments	0 to 20W : 1W increments 20 to 30W : 2W increments 30 to 90W : 5W increments	1LEVEL increments	5W increments
	Rated load resistance	Monopolar 300	Bipolar 100 (HARD 50 )		
Fundamental frequency	350 kHz / 1MHz (for SPRAY)				
Output control	Control by Foot Switch, Hand Switch or Handpiece. The following terminals can be controlled with the switches:				
	Foot switch for the UES-40 (MAJ-1258) • Bipolar connector 1 • Handpiece connector 1 • Active connector • Saline connector	Bipolar foot switch for the UES-40 (MAJ-1259) • Bipolar connector 2		Handpiece for monopolar • Handpiece connector 1 • Handpiece connector 2	
Output time	10 seconds ON, 30 seconds OFF (in case of continuous output, keep the output time below 10 seconds)				
Power supply	Voltage	120V / 220 - 240V AC			
	Frequency	50 / 60 Hz			
	Input current	12 A (120V) 6 A (220 - 240V)			
Size	Electric power consumption	MAX 1,440 W (120V) 1,380 W (220 - 240V)			
	Dimensions	350mm (W) x 150mm (H) x 400mm (D)			
	Weight	12.0 kg			

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



**OLYMPUS®**

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# SurgMaster

## SurgMaster — Powered by Intelligence

With significantly improved performance in cutting and coagulation, the UES-40 covers almost every need where electrosurgery is performed. Allowing the use of conventional monopolar resectoscopes as well as bipolar and monopolar hand instruments, it also enables you to perform Saline TUR — Resection in Saline. Powered by intelligence, the UES-40 is suitable for open and endoscopic surgery including urology, gynecology, respiratory and gastroenterology.



### The Solid Performance that You Can Count on

#### Bipolar Mode

The UES-40 bipolar coagulation mode provides high output power with intermittent activation so that stronger coagulation is achieved without charring and sticking.

#### Monopolar Mode

Along with two coagulation modes, one with lowered cutting ability and one with high cutting ability, the UES-40 has various monopolar modes.



Two Separate Connectors for Monopolar and Bipolar

### User Friendly Functions MAJ-1258 (for monopolar / bipolar) , MAJ-1259 (for bipolar)

#### Foot Switch Selection Button

This feature changes monopolar / bipolar output control of the Foot Switch (MAJ-1258)



#### Optional Foot Switch

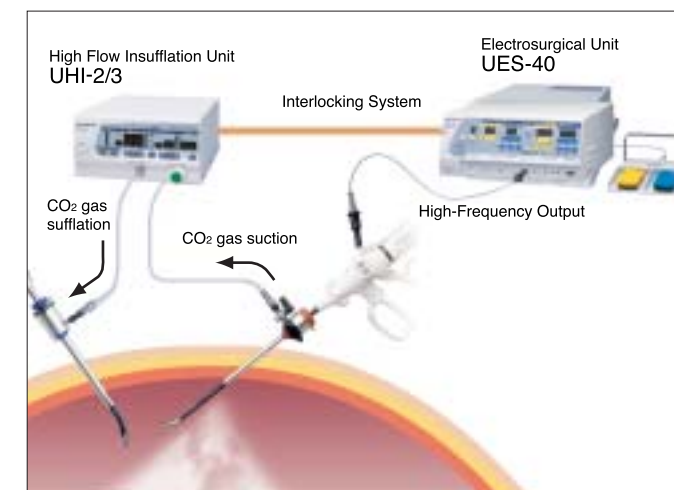
Connecting the MAJ-1259 allows use of two handpieces in one procedure. You can control monopolar or bipolar output of the first handpiece with MAJ-1258, and the bipolar output of the second handpiece with MAJ-1259



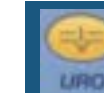
### Automatic Smoke Evacuation

Clear-Endoscopic-View

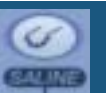
When using the UES-40 together with the UHI-2/3 High Flow Insufflation Unit, smoke in the abdominal cavity can be automatically eliminated. The UES-40 is also compatible with EndoALPHA Centralized O.R. Control System.



As you press the foot switch of the UES-40 for high-frequency output, the UHI-2/3 High Flow Insufflation Unit is activated to evacuate smoke, and return the pressure of abdominal cavity to a set rate.



### TUR or Saline TUR



In addition to the mode for conventional TUR, the UES-40 is equipped with the breakthrough Saline TUR mode for resection in saline\*.

\* Only in combination with the Olympus OES Pro resectoscope.



### EndoALPHA Compatible

The UES-40 is compatible with EndoALPHA Centralized O.R. Control System.

**EndoALPHA**  
COMPATIBLE

