Introducing The All-Inclusive Electrosurgical Unit
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.

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.

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.
**Standard Set**

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

**Optional Accessories**

**Bipolar Electrode**
Q5119 / 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 EBE type A-cord)

**A-Cord**
A0130.1 / A0130.2 / A0139.1 / A0193.9 / A0355 / A0357 / A0358 / A0391 / A0392 / A0393 / MA-265 / MA-969 / MAJ-600 / MAJ-860 / MAJ-861 *A02916A* *Not Available in the US*

**Specifications**

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Applicability</strong></td>
<td>General and endoscopic electrosurgery (restricted to endoscopes suitable for electrosurgery)</td>
</tr>
<tr>
<td><strong>High-frequency output</strong></td>
<td>Monopolar, Bipolar, and saline modes</td>
</tr>
<tr>
<td><strong>Output types</strong></td>
<td>Cutting modes: 3 modes (PURE, COAG, 120 W)</td>
</tr>
<tr>
<td><strong>Output method</strong></td>
<td>Cutting modes: 1 mode (PURE)</td>
</tr>
<tr>
<td><strong>Saline</strong></td>
<td>Cutting modes: 2 modes (PURE, BLEND)</td>
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</table>

| **Maximum output** | Monopolar: 300 W, BLEN: 250 W, UR: 300 W, COAG: 120 W, COAG 2: 120 W |
| **Adjustment increments** | 5 W increments |
| **Rated load resistance** | Monopolar 300 Q, Bipolar 100 Q |
| **Fundamental Frequency** | 350 kHz / 1 MHz (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 connector 2 |
| **Handpiece for monopolar** | Handpiece connector 1, Handpiece connector 2 |

| **Power supply** | Output time: 16 seconds ON, 30 seconds OFF (in case of continuous output, keep the output time below 10 seconds) |
| **Voltage** | 120 V / 220 - 240 V AC |
| **Frequency** | 50 / 60 Hz |
| **Input current** | 12 A (120 V), 6 A (220 - 240 V) |
| **Electric power consumption** | MAX: 1,440 W (120 V), 1,380 W (220 - 240 V) |
| **Dimensions** | 350 mm (W) x 190 mm (H) x 490 mm (D) |
| **Weight** | 12.0 kg |

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

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