The ECUT 300S is an advanced high frequency electrosurgical unit. It enables the surgeon to perform mono and bipolar simultaneously.

It can be used in a wide range of applications such as: ambulatory surgery, endoscopy, first aid, gastroenterology, general surgery, gynecology, neurosurgery, otorhinolaryngology, orthopedics, pediatric surgery, plastic surgery, pneumology and urology vascular surgery.

- Twin operative activity
- Controlled cutting procedures
- Twin controlled coagulative procedures
- Wide Bipolar Features

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**ECUT 300S**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>805003</td>
<td>High Frequency ESU Device, Mono and Bipolar, 300 Watts with Argon compatibility</td>
</tr>
</tbody>
</table>

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EndoMed Systems GmbH
88214 Ravensburg, Germany
www.endomed.com
Tel.: +49 (0)751 35978 0
Fax: +49 (0)751 35978 102
email@endomed.com
HF Surgical Unit
ECUT 300S

Technical Specifications

<table>
<thead>
<tr>
<th>Device</th>
<th>ECUT 300S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient circuit</td>
<td>F</td>
</tr>
<tr>
<td>Selectable input voltage</td>
<td>115 - 230 Vac</td>
</tr>
<tr>
<td>Mains frequency</td>
<td>50 - 60 Hz</td>
</tr>
<tr>
<td>Electrical input power</td>
<td>1000 VA</td>
</tr>
<tr>
<td>Dimensions (WxHxD)</td>
<td>470 x 150 x 400 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>17.5 Kg</td>
</tr>
<tr>
<td>Controls</td>
<td>Monopolar CUT mode until 100 Watt</td>
</tr>
<tr>
<td>Controls</td>
<td>• Patient/Plate circuit monitoring</td>
</tr>
<tr>
<td></td>
<td>• Output power monitoring</td>
</tr>
<tr>
<td></td>
<td>• Automatic self test</td>
</tr>
<tr>
<td></td>
<td>• H.F. Leakage currents control</td>
</tr>
<tr>
<td></td>
<td>• Compensation of mains fluctuation</td>
</tr>
</tbody>
</table>

Power Outputs

| Maximum output power monopolar pure CUT | 300 W - 300 Ω |
| Maximum output power monopolar cut-coag. CUT80% | 250 W - 300 Ω |
| Maximum output power monopolar cut-coag. CUT60% | 200 W - 300 Ω |
| Maximum output power monopolar cut-coag. CUT40% | 150 W - 300 Ω |
| Maximum output power monopolar cut ENHANCED | 200 W - 500 Ω |
| Maximum output power monopolar cut-coag. BLEND | 200 W - 300 Ω |
| Maximum output power monopolar coag. SPEEDY | 100 W - 500 Ω |
| Maximum output power monopolar coag. DEEP | 100 W - 200 Ω |
| Maximum output power monopolar coag. SPRAY | 70 W - 2000 Ω |
| Maximum output power monopolar coag. SPRAY ARGON | 70 W - 2000 Ω |
| Maximum output power bipolar CUT | 120 W - 50 Ω |
| Maximum output power bipolar cut-coag. CUT80% | 120 W - 50 Ω |
| Maximum output power bipolar cut-coag. CUT60% | 120 W - 50 Ω |
| Maximum output power bipolar cut-coag. CUT40% | 100 W - 50 Ω |
| Maximum output power bipolar cut-coag. BLEND | 120 W - 150 Ω |
| Maximum output power bipolar coag. COAG. | 120 W - 50 Ω |
| Maximum output power bipolar coag. VESSEL SEALING | 200 W - 50 Ω |

Working frequency Monopolar/Bipolar
425 kHz / 525 kHz

Classification

| Safety                              | EN60601-1                |
|                                     | EN60601-1-2              |
|                                     | EN60601-2-2              |
| Electrical Class                    | I CF                     |
| MDD 93/42/EC Class                  | II b                     |

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email@endomed.com

Rev. V. 1.02
# HF Surgical Unit

**ECUT 300S**

## Technical Specifications

### Standard Accessories
- Disposable handle with switches (5pcs)
- Reusable handle with switches
- Blade electrode 7 cm (3 pcs)
- Blade electrode 16 cm (3 pcs)
- Needle electrode 7 cm (3 pcs)
- Ball electrode 6 cm (3 pcs)
- Cable for neutral electrode
- Disposable split neutral electrode (5pcs)
- Electrode cleaning sponge
- Double water-proof foot-switch (2 pcs)
- Power supply cable 5 m

### Optional Accessories
- Reusable handle without finger switches
- Steel neutral electrode 16 x 24 cm with cable 3 m
- Steel neutral electrode 16 x 24 cm autoclave with cable
- Cable for neutral plate
- Bipolar Cable EU 3 m
- Twin Bipolar Cable 3 m
- Bipolar artery sealer forceps cable
- Disposable Neutral electrode
- Bipolar Artery Sealer 27 cm TIP 3 mm
- Bipolar Artery Sealer 25,5 cm TIP 3 mm
- Bipolar Artery Sealer 17 cm TIP 2 mm
- Blade Curved Electrode 7 cm
- Needle Curved Electrode 7 cm
- Needle Electrode 13 cm
- Ball Electrode Ø 2 mm 6 cm
- Ball Curved Electrode Ø 2 mm 5 cm
- Ball Electrode Ø 3 mm 6 cm
- Ball Curved Electrode Ø 3 mm 5 cm
- Ball Electrode Ø 3 mm 13 cm
- Ball Curved Electrode Ø 4 mm 6 cm
- Ball Electrode Ø 5 mm 6 cm
- Ball Curved Electrode Ø 5 mm 6 cm
- Ball Electrode Ø 5 mm 14 cm
- Loop Electrode 10 x 10 I.14 cm
- Loop Electrode 20 x 13 I.14 cm
- Loop Electrode 20 x 20 l.15 cm
- Conization Electrode 13 cm
- Monopolar cable m4-f4
- Monopolar cable m4-f2.8
- Bipolar Forceps 11,5 cm TIP 0.5 mm
- Bipolar Forceps 20 cm TIP 1 mm
- Curved Bipolar Forceps 11,5 cm TIP 0.5 mm
- Curved Bipolar Forceps 20 cm TIP 2 mm
- Bipolar Forceps 20 cm TIP 2 mm
- Curved Bipolar Forceps 20 cm TIP 2 mm
- Angled Bipolar Forceps 20 cm TIP 1 mm
- Angled Bipolar Forceps 20 cm TIP 2 mm
- Angled Curved Bipolar Forceps 20 cm TIP 1 mm
- Angled Curved Bipolar Forceps 20 cm TIP 1 mm
- Bipolar Electrode 20 cm
- Bipolar Electrode 20 cm
- Bipolar Electrode 20 cm
- Bipolar Electrode 20 cm
- Bipolar Electrode 20 cm
- Monopolar Forceps 20 cm TIP 2 mm
- Monopolar Surgical Scissors 18 cm
- Conductive rubber neutral electrode
- Conductive rubber split neutral electrode
- Trolley 3 shelves wide
- Trolley 5 shelves wide
- Drawer for trolley