System 7550™

Electrosurgical Generator with Argon Beam Coagulation
System 7550™ Electrosurgical Generator with Argon Beam Coagulation (ABC®) Technology

The ConMed® System 7550™ with ABC® Technology offers an exceptional level of rapid hemostasis. Argon Beam Coagulation allows the surgeon to achieve reduction in blood loss, surgical time and surgical plume. Surgeons use this electrosurgical generator in a number of surgical procedures, including open, laparoscopy, and gastroenterology.

Advanced Argon Beam Coagulation

- Unmatched hemostasis performance of the System 7550™ with ABC® Technology creates important clinical benefits for the patient, hospital and physician
- Proven reductions in blood loss
- Significant reductions in surgical time
- Visible reduction of electrosurgical plume
- Immediate reduction of tissue carbonization and thermal penetration

Specialty Modes Eliminate the Guess Work

- AUTO Mode uses onboard programming to optimize Power/Gas integration for all open procedures
- ENDO Mode for use in laparoscopic and G.I. procedures
- MANUAL Mode allows the surgeon to fine-tune power and flow rates to achieve unique levels of performance and hemostasis

Ease of Use

- Intuitive control panel
- Large, easy-to-read LED displays
- 9 programmable memory settings reduce set-up time
- Dual hand control receptacles for simultaneous use

State-of-the-Art Electrosurgery

- Full feature ESU
- Monopolar CUT with nine levels of increasing hemostasis provides unmatched dissection performance
- Pulsed CUT provides slow interval coagulation to control difficult bleeding
- Spray COAG for a wider coagulation pattern with limited thermal penetration
- Bipolar COAG for a wide range of applications

Remote Power Control

Surgeons can modify the electrosurgical effect from within the sterile field by adjusting power levels with a standard electrosurgical pencil. It is as simple as a double-click

Patient Safety

- ARM (Automatic Return Monitoring) monitors the patient/pad interface and will instantly interrupt power delivery and gas flow if a pad fault condition occurs
- Isolated technology helps reduce the potential for alternate site burns
System 7550™ Electro surgical Generator with Argon Beam Coagulation®

Product Specifications

<table>
<thead>
<tr>
<th>Mode</th>
<th>Maximum Power (Watts)</th>
<th>Typical Open Circuit Vol. (PP V)</th>
<th>Load (Ohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pure CUT</td>
<td>300</td>
<td>1,700</td>
<td>500</td>
</tr>
<tr>
<td>Blend 3</td>
<td>200</td>
<td>2,000</td>
<td>500</td>
</tr>
<tr>
<td>Blend 6</td>
<td>200</td>
<td>2,600</td>
<td>500</td>
</tr>
<tr>
<td>Blend 9</td>
<td>200</td>
<td>3,400</td>
<td>500</td>
</tr>
<tr>
<td>Spray COAG</td>
<td>80</td>
<td>9,200</td>
<td>500</td>
</tr>
<tr>
<td>Pin Point COAG</td>
<td>120</td>
<td>4,800</td>
<td>500</td>
</tr>
<tr>
<td>ABC®</td>
<td>150</td>
<td>12,000</td>
<td>500</td>
</tr>
<tr>
<td>Bipolar COAG</td>
<td>70</td>
<td>300</td>
<td>100</td>
</tr>
</tbody>
</table>

Configuration: Solid State, Isolated Output
Frequency: 461 kHz (Cut, Blend, Pin Point Coag and Bipolar), 420 kHz (Spray Coag), 570 kHz (ABC® Technology)
RF Isolation: <150mA per IEC 60601-2-2
Input: 115V (±10% at 60Hz 12.5A), 230V (±10% at 50Hz 6.25A), 100V (±10% at 50/60Hz 15A)
Cooling: Convection (No fan)
Dimensions: 24"Wx25"Dx41"H, 110 lbs (60.1cmWx63.5cmDx104.1cmH, 49.9kg), without cylinders
Argon Gas Recommendations: 99.9985% purity
Gas Flow: 0.1 SLPM - 10.0 SLPM

Ordering Information

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Product Description</th>
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</thead>
<tbody>
<tr>
<td>60-7550-120</td>
<td>System 7550™ ESU and base (110V, 60Hz)</td>
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<tr>
<td>60-7550-230</td>
<td>System 7550™ ESU and base (230V, 50Hz/60Hz)</td>
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<tr>
<td>130146</td>
<td>Footswitch, Single-pedal ABC®</td>
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<tr>
<td>60-5104-001</td>
<td>Monopolar Footswitch (full size) for use with ABC®, 10’ cable</td>
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<tr>
<td>60-5104-003</td>
<td>Monopolar Footswitch (full size) for use with ABC®, 15’ cable</td>
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<td>60-5103-001</td>
<td>Bipolar Footswitch, Omni-directional, 10’ cable</td>
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<tr>
<td>60-5103-002</td>
<td>Bipolar Footswitch, Omni-directional, 15’ cable</td>
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<td>136050</td>
<td>System 7550™ ABC® Argon Gas Cylinder. Gas included</td>
</tr>
<tr>
<td>136051</td>
<td>System 7550™ ABC® Argon Gas Cylinder. Empty</td>
</tr>
</tbody>
</table>

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Please contact your local ConMed Territory Manager for information on our full line of Argon Beam Coagulation devices and accredited ABC® Technology Continuing Education Programs.