The Power of Three.
The Simplicity of One.
The new J-Plasma® handpieces with Cool-Coag® technology deliver the precision of helium plasma energy, the power of traditional monopolar coagulation and the efficiency of plasma beam coagulation. This enables thin-layer ablation, dissection and fast coagulation with a single instrument — minimizing instrument exchange and allowing maintained focus on your patient and your procedure.

Introducing Cool-Coag Technology
The patent-pending Cool-Coag technology is fundamentally different from the precision of the cold atmospheric plasma (CAP) on which the J-Plasma energy is based. Cool-Coag technology combines the power of a monopolar coagulation waveform with added versatility from the flow of helium gas. This allows for a single device to be used as a standard monopolar pencil for precise contact hemostasis and as a non-contact ‘spray’ called plasma beam coagulation that can be used for wider areas of coagulation/ablation.

With Cool-Coag technology, the new J-Plasma handpieces can deliver three distinctly different energy modalities — further increasing the utility and versatility of the J-Plasma system.

Precise, Tissue-Sparing
J-Plasma Energy

Monopolar Coagulation

Plasma Beam Coagulation

The J-Plasma handpieces and generator are configured for quick and easy use:

- Plug and play – setup in under 10 seconds
- Extendable/retractable blade for enhanced versatility
- Use of J-Plasma does not require any special certifications
- Includes 4-year warranty with no service contracts needed

**J-Plasma Handpieces and Generator**

**J-Plasma Precise® Open**
- J-Plasma energy
- Retractable and rotating blade enhances versatility

Available with 4.4cm and 15cm lengths

**J-Plasma Precise®**
- J-Plasma energy
- Ergonomic pistol-grip design
- Retractable blade enhances versatility

Available in 15cm and 33cm lengths

**Bovie Ultimate® Generator**
- 3-in-1 energy source for plasma delivery and next-generation monopolar and bipolar
- Optimizes OR space
- Increases convenience and flexibility
A Matter of Energy

Cold atmospheric plasma (CAP) has been well-studied in the scientific community over the last few years for its unique ability to preferentially destroy different types of cancer and bacterial cells1-4. The CAP produced by J-Plasma results in charged particles, reactive species and high electric fields that can act individually and synergistically on biological cells.

Research in this new area of science has shown the benefit of CAP for many therapeutic and cosmetic applications, and ongoing work continues to reveal new medical uses for cold plasma. J-Plasma is the only energy device incorporating the advanced benefits of CAP, and is configured for use in open, laparoscopic and robotic procedures.

Wide Applicability Across Surgical Specialties*

• General Surgery
  Solid organ resection
  Fulgeration of target tissue
  Tissue plane dissection

• GYN/Surgical Oncology
  Lymphadenectomy
  Tumor debulking
  Dysplasia

• Gynecology
  Endometriosis
  Adhesiolysis
  Condyloma
  Ovarian Cyst
  Colpotomy

• Cardiac and Thoracic Surgery
• Urology
• Colorectal Surgery


*J-Plasma is cleared for the cutting, coagulation and ablation of soft tissue in open and laparoscopic cases.
J-Plasma is an advanced energy modality which combines the unique properties of helium plasma with a proprietary RF waveform. Helium plasma focuses RF energy for greater control of tissue effect, enabling a high level of precision and virtually eliminating unintended tissue trauma. These properties may allow surgeons to use the energy on and around sensitive structures.

### Histology on Peritoneum

<table>
<thead>
<tr>
<th>J-Plasma Cold Plasma Energy</th>
<th>CO$_2$ Laser</th>
<th>ABC</th>
<th>Monopolar</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>4 L</td>
<td>Superpulse 12 W</td>
<td>70 W</td>
</tr>
</tbody>
</table>

| .147mm | .223mm | .449mm | .926mm |

### Thermal Effect Comparison$^{5-7}$

<table>
<thead>
<tr>
<th>Mean Width of Thermal Damage (mm)</th>
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<tr>
<td>2.5</td>
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<table>
<thead>
<tr>
<th>Mean Depth of Thermal Damage (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
</tr>
</tbody>
</table>

### J-PLASMA SYSTEM AND COMPONENTS

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Product Code</th>
<th>UOM</th>
</tr>
</thead>
</table>
| Bovie Ultimate® Generator         | BVX-200H     | 1 ea.
| J-Plasma Precise® Open, 4.4cm    | BVX-044-BPS  | 6 ea.
| J-Plasma Precise Open, 15cm      | BVX-150-BPS  | 6 ea.
| J-Plasma Precise, 15cm           | BVX-150B     | 6 ea.
| J-Plasma Precise, 33cm           | BVX-330B     | 6 ea.

**Discover what’s possible with J-Plasma and Cool-Coag Technology**

Contact your local J-Plasma representative or visit JPlasma.com