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 – enabling thin-layer ablation and dissection and fast coagulation with a single instrument, minimizing instrument exchange and allowing you to maintain focus on your patient and your procedure.

Introducing Cool-Coag Technology
The patent-pending Cool-Coag technology is fundamentally different from 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 the cooling flow of helium gas. This allows for a single device to be used as a standard monopolar pencil for precise contact hemostasis, as well as in a non-contact ‘spray’ called plasma beam coagulation, which 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 Cooled with Helium
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
- Unlike laser systems, use of J-Plasma does not require any special training, certification or additional equipment or safety protocols

**J-Plasma Handpieces and Generator**

**J-Plasma Precise® Open**
- J-Plasma energy and Cool-Coag
- Sleek and ergonomic design
- 360° rotating blade

**J-Plasma Precise 360®**
- J-Plasma energy
- Angled tip and rotating shaft for improved visibility in laparoscopic procedures
- Retractable blade enhances versatility

**J-Plasma Precise® FLEX**
- J-Plasma energy and Cool-Coag
- For use in robotic procedures
- 50cm flexible shaft
- Foot-pedal-controlled

**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*

Plastic Surgery
- Subdermal coagulation
- Dissection for abdominoplasty
- Wound debridement
- Capsulectomy/capsular scoring

GYN/Surgical Oncology
- Lymphadenectomy
- Tumor debulking
- Dysplasia

Gynecology
- Endometriosis
- Adhesiolysis
- Condyloma
- Ovarian Cyst
- Colpotomy

Cardiac and Thoracic Surgery
General Surgery
Urology
Colorectal Surgery
Orthopedic Spine 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 cold helium plasma with RF energy. 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>CO₂ Laser Superpulse 12 W</th>
<th>ABC 70 W</th>
<th>Monopolar 30 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>4 L</td>
<td>Superpulse</td>
<td>70 W</td>
</tr>
</tbody>
</table>

- Mean Width of Thermal Damage (mm):
  - J-Plasma: 0.147mm
  - CO₂ Laser Superpulse: 0.223mm
  - ABC: 0.449mm
  - Monopolar: 0.926mm

**Thermal Effect Comparison**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Product Code</th>
<th>UOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bovie Ultimate® Generator</td>
<td>BVX-200H</td>
<td>1 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise Open, 4.4cm</td>
<td>BVX-044-BPS</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise Open, 15cm</td>
<td>BVX-150-BPS</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise Flex, 50cm</td>
<td>BVX-500-BF</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise, 15cm</td>
<td>BVX-150B</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise, 33cm</td>
<td>BVX-330B</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise, 360, 33cm</td>
<td>BVX-330BR</td>
<td>6 ea.</td>
</tr>
<tr>
<td>J-Plasma Precise 360, 45cm</td>
<td>BVX-450BR</td>
<td>6 ea.</td>
</tr>
</tbody>
</table>

Discover what’s possible with J-Plasma and Cool-Coag Technology
Contact your local J-Plasma representative or visit JPlasma.com

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