Clinical Results

The XL-1000 with Canady Hybrid Plasma™ Technology may help deliver...

- Reduced intraoperative blood loss and reduced transfusion rates which may lower infection risk and cost
- Less tissue damage and generation of scar tissue resulting in a cleaner post-operative field
- The ability to ablate vessels up to 4 mm
- Minimal depth of tissue injury as low as 0.1 mm compared to traditional monopolar and bipolar devices (up to 9.9 mm), potentially leading to less post-operative bruising, swelling, pain and quicker patient healing
- Four CHP Pulse Cut modes for precise, measured cuts

Depth of penetration

Canady Hybrid Plasma

Traditional Argon Coagulation

USMI Smart Electrosurgical Generator XL Series

- CSEG-1K Canady Plasma Smart™ Electrosurgical Generator XL-1000
  (400W, Standard 2 Year Warranty)
- CSEG-3YW 2 Year Extended Warranty (Maintenance Plan)
- CSEG-T1K XL-1000 Trolley Cart
- CSEG-MFP Monopolar Foot Pedal (2 Pedals for Cut and Coag)
- CSEG-BFP Bipolar Foot Pedal (Single Pedal)
- CSEG-REG External Pressure Regulator and Hose
- CSEG-OM1K Operation Manual XL-1000
- CSEG-TM1K Technical Manual XL-1000
- CSEG-PC10 10' Hospital Grade Power Cord
- U-3010 Argon Gas Tank (55 cu ft.)

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The XL-1000 is the next generation of electrosurgical generators delivering Canady Hybrid Plasma™ (CHP) technology using the GIMSS™ operating system. CHP is a unique patented technology used to simultaneously cut, coagulate, and ablate biological tissue during surgery. Unlike traditional Argon Beam Coagulation (ABC) devices, the Canady Hybrid Plasma™ Scalpel (CHPS) combines monopolar electrosurgery with Argon Plasma Gas. The CHPS creates a plasma gas that cuts and coagulates to a minimally invasive depth as low as 0.1 mm while maintaining a temperature of approximately 98°F (37°C) or less. **This results in...**

- Minimal Blood Loss
- Lateral thermal spread of 1 mm or less
- Minimal surgical smoke and eschar
- Depth of injury of 0.1 mm or less

Canady Hybrid Plasma, CHP Pulse Cut, Argon Plasma Coagulation, Standard Cut and Bipolar
All in a single generator

**The GIMSS™ OS Easy-to-Use User Interface:**

- 12.1" surface with high-definition touchscreen and wide view angle
- A menu-lead set-up process that minimized OR set-up time
- Large, color-coded system settings that are easy to adjust
- 16 surgical procedure "apps" with system presets
- The ability to store system settings for up to 400 individual surgeons
- Safe setting limits for delicate procedures
- A modular design that is easily upgradable

**References:**

3. Based on USMI records, internal data and surgeons’ observations