Product Overview

The HelixAR™ combines the advanced specialty modes of a premium ESU with the benefits of CONMED’s latest ABC® Technology. The HelixAR is intended for both open and laparoscopic procedures.

Features

- MONOPOLAR SPECIALTY MODES
  - Laparoscopic: Limits voltage to 2700V in Lap Mode, helping reduce the risks of inadvertent burns from capacitive coupling
  - Fluids: Rapid energy initiation for immediate clinical effect in high load/low impedance conditions
  - Pulse Coag: Pulsing bursts of coagulation for controlled hemostasis with reduced tissue carbonization

- ABC® MODES
  - Argon Dissect: Works with the CONMED dissecting electrode to provide argon enhanced cutting with four varying levels of hemostasis
  - Pulse Argon: Provides controlled hemostasis for small surface bleeders with four pulse timings

Features Continued & Specifications on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.
Features Continued

ABC® MODES Continued

- Rapid, Superficial Hemostasis Reduces carbonization by allowing ABC® to coagulate directly on the stroma of target tissue. Less blood loss, less OR time and improved eschar integrity can result from this rapid hemostasis.
- Less Tissue Damage Due to the cooling effects of argon flow during RF energy delivery, ABC® operates at lower temperatures than spray coagulation.
- Focused RF Energy Argon gas enables precise delivery of RF energy in a uniform stream, which is distributed evenly on tissue.
- Clear Visualization Improves visualization by helping carry surgical smoke away from the field of view, reduces unpleasant odors and clears the surgical site of blood and other fluids.

Specifications

Consistent Tissue Effects

Dynamic Response Technology samples current and voltage, responding to changes in tissue in less than 10 milliseconds.
Helps minimize excess tissue charring and decrease patient healing time.

Two Argon Gas Tanks

The system automatically switches to the second tank when the first take is depleted.
Reduces wasted time and inconvenience of replacing a take mid-procedure.

Wireless Footswitch Kit

For additional convenience, a wireless footswitch kit is available.
Includes a monopolar and ABC footswitches.

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Specifications

ABC Single Pedal Footswitch
New Modern and streamlined design

ABC Modes
Open (automatic)
Lap (laparoscopic / Endoscopic
ABC® Flex
Manual
Argon Dissect
Pulse ABC®

Monopolar Modes
Pure Cut
Blended Cut: 1-3
Pulse Cut
Pulse Coagulation
Spray Coagulation
Standard Coagulation
Pinpoint Coagulation

Bipolar Modes
Macro Coagulation
Micro Coagulation

Specialty Modes
General
Laparoscopic
Fluids

Performance Features
Dynamic Response Technology
Continuous Microprocessor Safety
Monitoring
Automatic Tank Switchover
Smart Cart
Color LCD Display
Wireless Foot Control Capability
USB Software Update Feature

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