



HelixAR™ Electrosurgical Generator with Argon Beam Coagulation

Advanced ESU Capability with ABC® Technology

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, and includes:

NEW 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

NEW 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



BENEFITS OF ABC® TECHNOLOGY

Rapid, Superficial Hemostasis

Reduces carbonization by allowing coagulation 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® Technology operates at lower temperatures than spray coagulation¹

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



Compact Footprint

Mobile

Fully Integrated

¹PJW Verco, Case Report and Clinical Technique: Argon Beam Electrosurgery for Tissue Ties and Maxillary Frenectomies in Infants and Children. 2012.

Designed For More 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 times



Two Argon Gas Tanks

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



Wireless Footswitch Kit

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



ABC® Single Pedal Footswitch

- New modern and streamlined design

SYSTEMS AT A GLANCE

		HelixAR™ w/ABC	System 7550™ w/ABC
ABC® MODES	Open (Automatic)	•	•
	Lap (Laparoscopic / Endoscopic)	•	•
	ABC® Flex	•	
	Manual	•	•
	Argon Dissect	•	
	Pulse ABC®	•	
MONOPOLAR MODES	Pure Cut	•	•
	Blended Cut	1–3	1–9
	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	•	

Ordering Information

Description

Catalog Number

HelixAR™ System

HelixAR System, ABC® Generator and Cart	60-8800-SET
Includes HelixAR System, ABC Generator and Cart, with Monopolar and Bipolar Footswitch	60-8800-SYS
HelixAR Wireless Footswitch Kit (Monopolar & ABC Footswitch, AA Batteries, Receiver/Antenna, Operator's Manual*)	60-8480-001

Footswitch

Monopolar Dual Pedal Footswitch, 15'	60-6700-001
Bipolar Single Footswitch, 15'	60-5103-002
ABC® Single Pedal Footswitch, 15'	60-8475-001
ABC® Single Pedal Footswitch, 30'	60-8470-001

Argon Gas Cylinder

D Size with 33 Cubic Feet (934.46 liters) capacity 99.998% Pure Argon Gas included	136050
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Customer Service: 1-800-448-6506
International Sales: 1-315-797-8375
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