System 7550™

Electrosurgical Generator with Argon Beam Coagulation

ConMed Electrosurgery

System 7550™ Electrosurgical Generator with Argon Beam Coagulation (ABC®) Technology

The ConMed® System 7550™ with ABC® Technology offers an exceptional level of rapid hemostasis. Argon Beam Coagulation allows the surgeon to achieve reduction in blood loss, surgical time and surgical plume. Surgeons use this electrosurgical generator in a number of surgical procedures, including open, laparoscopy, and gastroenterology.

Advanced Argon Beam Coagulation

- Unmatched hemostasis performance of the System 7550™ with ABC® Technology creates important clinical benefits for the patient, hospital and physician
- Proven reductions in blood loss
- Significant reductions in surgical time
- Visible reduction of electrosurgical plume
- Immediate reduction of tissue carbonization and thermal penetration

Specialty Modes Eliminate the Guess Work

- AUTO Mode uses onboard programming to optimize Power/Gas integration for all open procedures
- ENDO Mode for use in laparoscopic and G.I. procedures
- MANUAL Mode allows the surgeon to fine-tune power and flow rates to achieve unique levels of performance and hemostasis

Ease of Use

- Intuitive control panel
- Large, easy-to-read LED displays
- 9 programmable memory settings reduce set-up time
- Dual hand control receptacles for simultaneous use

State-of-the-Art Electrosurgery

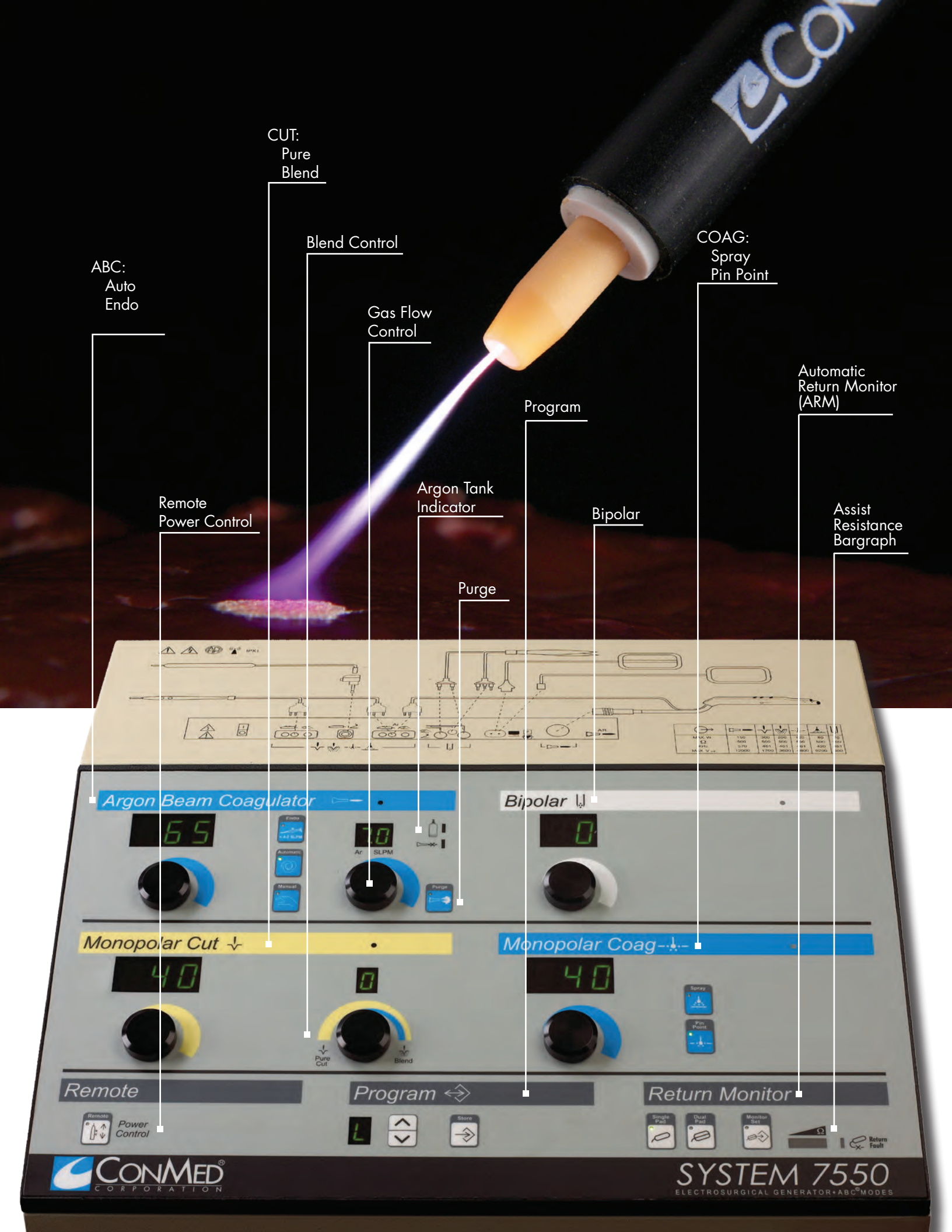
- Full feature ESU
- Monopolar CUT with nine levels of increasing hemostasis provides unmatched dissection performance
- Pulsed CUT provides slow interval coagulation to control difficult bleeding
- Spray COAG for a wider coagulation pattern with limited thermal penetration
- Bipolar COAG for a wide range of applications

Remote Power Control

Surgeons can modify the electrosurgical effect from within the sterile field by adjusting power levels with a standard electrosurgical pencil. It is as simple as a double-click

Patient Safety

- ARM (Automatic Return Monitoring) monitors the patient/pad interface and will instantly interupt power delivery and gas flow if a pad fault condition occurs
- Isolated technology helps reduce the potential for alternate site burns

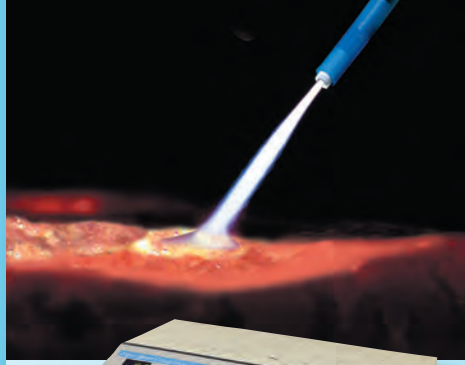

CUT:
Pure
Blend
Blend Control
ABC:
Auto
Endo
Gas Flow
Control
COAG:
Spray
Pin Point
Automatic
Return Monitor
(ARM)
Program
Argon Tank
Indicator
Remote
Power Control
Bipolar
Assist
Resistance
Bargraph
Purge
Argon Beam Coagulator
Bipolar
Monopolar Cut
Monopolar Coag
Remote
Program
Return Monitor
Power
Control
ConMed
CORPORATION
SYSTEM 7550
ELECTROSURGICAL GENERATOR+ABC®MODES

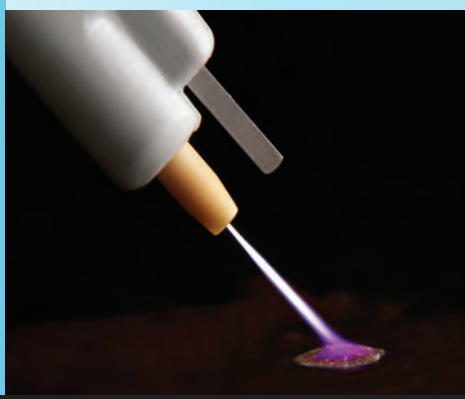
System 7550™ Electrosurgical Generator with Argon Beam Coagulation®

Product Specifications

Mode	Maximum Power (Watts)	Typical Open Circuit Vol. (PP V)	Load (Ohms)
Pure CUT	300	1,700	500
Blend 3	200	2,000	500
Blend 6	200	2,600	500
Blend 9	200	3,400	500
Spray COAG	80	9,200	500
Pin Point COAG	120	4,800	500
ABC®	150	12,000	500
Bipolar COAG	70	300	100

Configuration: Solid State, Isolated Output
Frequency: 461 kHz (Cut, Blend, Pin Point Coag and Bipolar), 420 kHz (Spray Coag), 570 kHz (ABC® Technology)
RF Isolation: <150mA per IEC 60601-2-2
Input: 115V (± 10% at 60Hz 12.5A), 230V (± 10% at 50Hz 6.25A), 100V (± 10% at 50/60Hz 15A)
Cooling: Convection (No fan)
Dimensions: 24"Wx25"Dx41"H, 110 lbs (60.1cmWx63.5cmDx104.1cmH, 49.9kg), without cylinders
Argon Gas Recommendations: 99.9985% purity
Gas Flow: 0.1 SLPM - 10.0 SLPM





Ordering Information

Catalog Number	Product Description
60-7550-120	System 7550™ ESU and base (110V, 60Hz)
60-7550-230	System 7550™ ESU and base (230V, 50Hz/60Hz)
130146	Footswitch, Single-pedal ABC®
60-5104-001	Monopolar Footswitch (full size) for use with ABC®, 10' cable
60-5104-003	Monopolar Footswitch (full size) for use with ABC®, 15' cable
60-5103-001	Bipolar Footswitch, Omni-directional, 10' cable
60-5103-002	Bipolar Footswitch, Omni-directional, 15' cable
136050	System 7550™ ABC® Argon Gas Cylinder. Gas included
136051	System 7550™ ABC® Argon Gas Cylinder. Empty

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Please contact your local ConMed Territory Manager for information on our full line of Argon Beam Coagulation devices and accredited ABC® Technology Continuing Education Programs.