



## System 7550™

Electrosurgical Generator  
with Argon Beam Coagulation

# 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

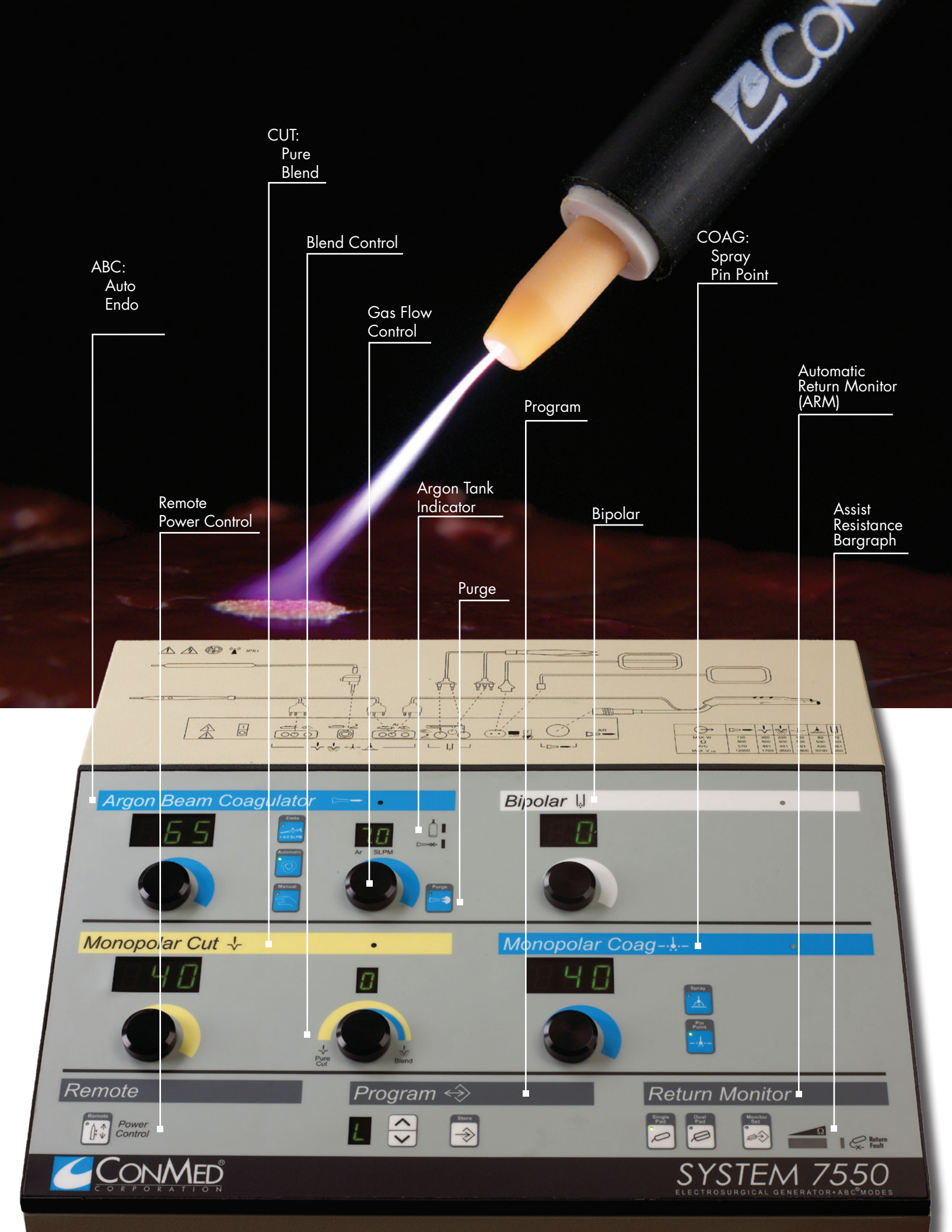
- Full feature ESU
- Monopolar CUT with nine levels of increasing hemostasis provides unmatched dissection performance
- Pulsed CUT provides slow interval coagulation to control difficult bleeding
- Spray COAG for a wider coagulation pattern with limited thermal penetration
- Bipolar COAG for a wide 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 interrupt power delivery and gas flow if a pad fault condition occurs
- Isolated technology helps reduce the potential for alternate site burns



ABC:  
Auto  
Endo

Remote  
Power Control

CUT:  
Pure  
Blend

Blend Control

Gas Flow  
Control

Argon Tank  
Indicator

Purge

Program

Bipolar

COAG:  
Spray  
Pin Point

Automatic  
Return Monitor  
(ARM)

Assist  
Resistance  
Bargraph

Argon Beam Coagulator

Bipolar

Monopolar Cut

Monopolar Coag

Remote

Program

Return Monitor

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



### CONMED CORPORATION PRODUCT AREAS:

ARTHROSCOPY • ELECTROSURGERY • ENDOSCOPY • ENDOSURGERY • GASTROENTEROLOGY • INTEGRATED SYSTEMS • PATIENT CARE • POWERED INSTRUMENTS • PULMONOLOGY



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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.