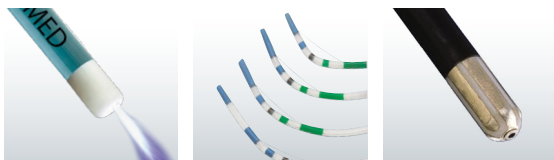




Beamer® System

Endoscopic Electrosurgical Platform

Combining cutting-edge technology with an intuitive, easy-to-use interface, the versatile design of this system offers multiple endoscopic therapies in a single platform.



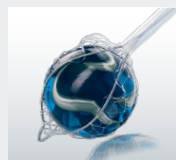
BEAMER®
ARGON SNARE PROBE



DURACLIP™
REPOSITIONABLE HEMOSTASIS CLIP



NAKAO SPIDER-NET®
RETRIEVAL DEVICE



To learn more about these and other innovative products, call 1-866-4CONMED or visit www.CONMED.com.

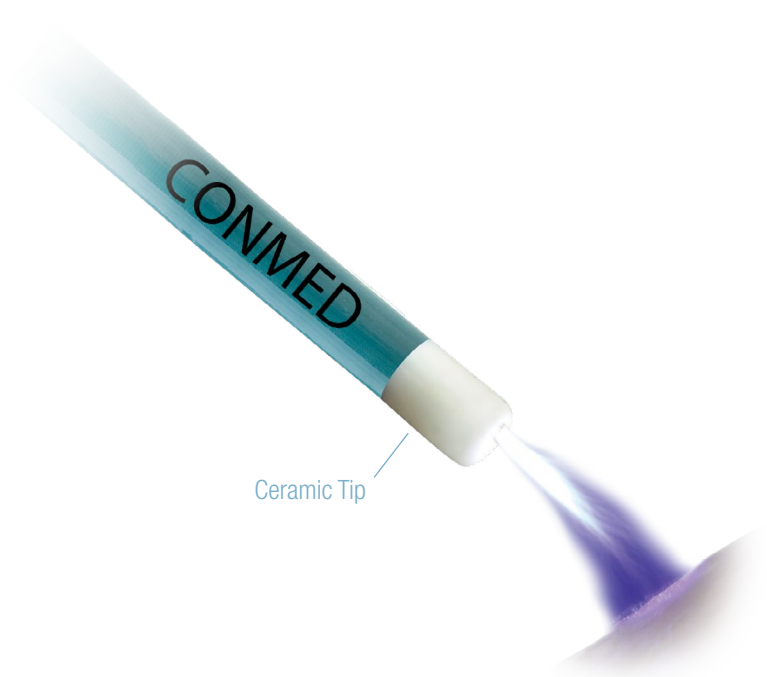
ENDOSCOPIC
ELECTROSURGICAL
PLATFORM

Designed and Refined By the Professionals Who Use It

Combining sophisticated technology with unrivaled ease of use, the Beamer® is designed to assist in the delivery of effective results whatever your level of expertise in electrosurgery.

With built-in intelligence, innovation, and an intuitive user interface, Beamer® allows for the quick selection of desired clinical effect, delivering consistent and repeatable clinical results for multiple therapies from a single platform.

This system was developed and designed for users like you, by users like you. The result is a perfectly integrated technology that's been expertly designed to meet your needs.



■ **Procedures:**

- Polypectomy
- Hot Biopsy
- Sphincterotomy
- BiCap® Hemostasis
- EMR-ESD



DOUBLE FOOT PEDAL
W/SWAP MODE BUTTON

ENDOSCOPIC
ELECTROSURGICAL
PLATFORM



BEAMER® CART

Features:

1. Beamer® CE200 ESU Generator
2. Beamer® Plus Argon Beam Coagulator
3. Beamer® Irrigating Pump System
4. Hands-Free Double Foot Pedal
5. Convenient Storage

Added Value

Beamer® Irrigating Pump System: On Demand Irrigation

Beamer® Irrigation Pump is used for on-demand endoscopic irrigation for improved visibility and permits the washing away of any blood, particles, or debris. The Beamer® Pump allows the physician to control irrigation through a foot pedal.

Double Foot-Pedal Unit with Integrated Swap Mode Button

The Swap Mode button, located between the pedals, allows users to switch between two linked programs by foot without needing to touch the generator.

ENDOSCOPIC
ELECTROSURGICAL
PLATFORM



CONTROLLED BEAM

Cutting-Edge Clinical Performance

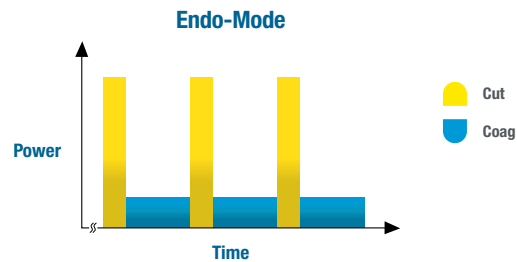
ACE Safety: Effective Controlled Cutting

To help improve safety and control, the Beamer® features Automatic Cutting Effect (ACE) regulation. This provides continuous monitoring of sparks around the active electrode and automatically adjusts voltage, spark, and power.

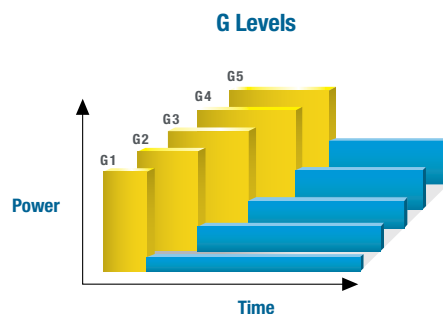
Active in all Automatic Cutting Modes, the feature is designed to result in the delivery of consistent, repeatable endoscopic cutting and hemostatic effects while eliminating the variability often seen in endoscopic electrosurgery.

Endo-Mode Versatility: Adjustable Cutting & Coagulation

Endo-Mode is a dynamic, process-controlled cutting mode. It offers pulsed or fractionated currents that provide controlled cutting with varying, adjustable degrees of coagulation. Specifically designed for endoscopic applications, Endo-Mode features periods of cut separated by periods of coagulation.



To meet your needs, **G levels** permit quick adjustments to the duration or length of the cut and the intensity of the hemostatic effects.



Beamer® Argon Probe

Argon: Faster Hemostasis with Less Tissue Damage^{1,2}

As a world leader in Argon Beam Coagulation (ABC®) for over twenty years, CONMED's ABC® technology featured in the Beamer® Plus achieves enhanced clinical effectiveness by focusing radio frequency energy in a directional, non-contact beam of argon gas. The result is faster hemostasis, a more homogeneous eschar, and limited penetration depth when compared to conventional coagulation therapies.³

Indications for ABC®:⁴

Hemostasis – Vasular ectasias, bleeding ulcers, bleeding varices

Ablation – Barretts esophagus, GAVE polyp and remnant adenomatous tissue, debulking malignant tumors, radiation proctitis

ENDOSCOPIC
ELECTROSURGICAL
PLATFORM

**ARGON
Steady** Argon Steady –
Steady beam

ARGON Argon Slow – Slow
beam repetition rate

ARGON Argon Fast – Fast
beam repetition rate

ARGON Argon Super –
Superfast beam
repetition rate

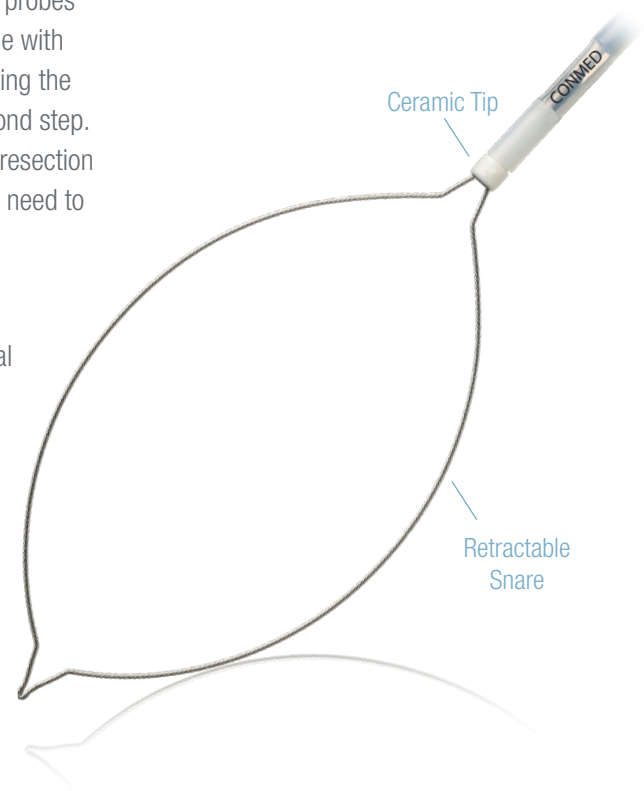
Beamer® Argon Snare Probe

Efficiency: Two Functions in One Probe

Beamer® Argon Snare Probes are the only dual mode combination probes available that allow you to remove polyps and other abnormal tissue with subsequent argon coagulation of the site – saving time by eliminating the need to exchange instruments to perform the coagulation in a second step. The Beamer® Argon Snare software allows easy toggling between resection and ablation therapies for a more efficient procedure, reducing the need to exchange devices and settings on the generator.

Additionally, when it comes to challenging lesions, the powerful Beamer® Argon Snare Probe allows you to do en bloc or piece-meal EMR followed by full argon ablation of the residual tissue. It is clinically demonstrated that Argon treatment post-resection reduces the chance of recurrence.

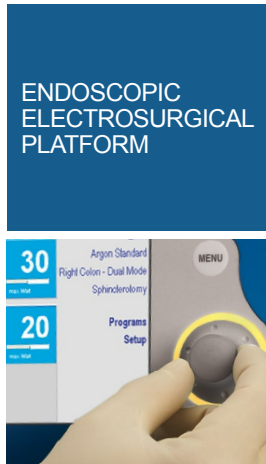
CONMED offers proprietary spiral and stiff monofilament loops that are designed for grabbing flat lesions.



¹ Hortalano, Edu & Gomez-Iturriga, A. & Ortiz-de-Zarate, Roberto & Zaballa, Manuel & Barturen, Angel & Casquero, Francisco & San-Miguel, Inigo & Carvajal, Claudia & Cacicado, Jon & del-Hoyo, Olga & Lupiani, Javier & Perez, Jose Fernando & Bilbao, Pedro. (2014). Is argon plasma coagulation an effective and safe treatment option for patients with chronic radiation proctitis after high doses of radiotherapy?. Revista española de enfermedades digestivas - organo oficial de la Sociedad Española de Patología Digestiva. 106. 165-170.

² Zargani, Farzad Jassemi et al. "Evaluation of argon plasma coagulation in healing of a solitary rectal ulcer in comparison with conventional therapy: a randomised controlled trial." Przegląd gastroenterologiczny vol. 12,2 (2017): 128-134. doi:10.5114/pg.2016.64846

³ Zenker, Matthias. "Argon plasma coagulation." GMS Krankenhaushygiene interdisziplinär vol. 3,1 Doc15. 3 Nov. 2008



CUSTOMIZABLE
USER SETTINGS

Unrivaled Ease-of-Use in the GI Suite

Intuitive: Control at Your Fingertips

The rotary control allows you to operate the system quickly, single-handedly, and with complete comfort. All menu settings and machine parameters can be set and changed rapidly with a quick turn of the controller. The current operating state is immediately recognizable by the backlit status-indicating system specially developed for the Beamer® System.

Memory: Customizable User Settings

The system memory offers 99 storage positions for user-defined programs in addition to the preset standard program. These settings can be stored under specific indications, locations, or your name – the choice is yours. The Last-Used Programs can be instantly accessed from the system’s “quick pick” list, which is always visible on the main screen.

Speed: Pre-Sets for Optimal Clinical Results

Automatic Mode Pictograms permit users to rapidly select outputs by the desired clinical application or effect. Beamer® offers 5 preset automatic pictograms, each program designed to deliver optimal clinical results. All modes can be customized to meet the needs of the expert user as required.

Five Preset Modes:



Polyp Cut I – Pulsed cut with minimal coagulation for snare resection of flat based, sessile polyps, mucosectomy, or piece-meal resection.



Polyp Cut II – Pulsed cut with strong coagulation for small or pedunculated polyps



Papilla Cut I – Pulse cut with no extra coagulation for low hemorrhage incisions with sphincterotomy



Papilla Cut II – Pulse cut with minimal coagulation designed for low hemorrhage incisions with a papillotome, wire loop



ESD – Pulse cut for submucosa dissection with a needle knife

CONMED Advantage Programs

CONMED provides three programs designed to offer pricing and procurement advantages to help you overcome the budgetary and cash-flow roadblocks of equipping your facility with this technology.

Advantage Placement

In exchange for a fixed-price disposables agreement, we'll place a Beamer® in your institution at no charge. This program lets you use capital equipment financed by the disposables you already need for your procedures.

Advantage Rewards

With a new commitment for CONMED disposables, we give back a percentage as a credit that can be put toward any capital equipment purchase or service contract in our broad portfolio. This credit can be used up-front if new equipment is needed now, or can be banked for later use when existing equipment needs replacement or service.

Advantage Finance

The Advantage Finance Program allows you to get this technology at fixed monthly payments – with no down payment.

CONMED
ADVANTAGE
PROGRAMS



For a free quote on how much your organization could save with CONMED's Advantage Programs, or to learn more about the Beamer® System and other gastroenterology and pulmonology products, Contact your local CONMED Sales Representative.

Ordering Information

Description	Technical Data	Catalog Number
Beamer® ESU		
Power Req / Mains Current / Fuse	100 – 240 V +/- 10% / max. 6.3 A / 6.3 A	CE200
Nominal Frequencies (Mains)	50 / 60 Hz	
Power Input Without RF Output	40 VA	
Max. Power Input	600 VA	
Output Data: Cutting Power (Pulse)	Max. 350 watts	
Output Data: Coagulation Power	Max. 120 watts	
Output Data: HF Frequencies	350 – 850 kHz	
Weight and Dimensions	Weight: 8.3kg / (width x height x depth): 390 x 182 x 435mm	
Type of Applied Part	CF; Defibrillation-Proof	
Approval / Mark of Conformity	CE 0297, in compliance with 93/42/EEC	
LF Leakage Currents	Complying to IEC 60601-1/IEC 60601-2-2, Part 1 (test in connection with Beamer® System)	
Duty Type	INT 10 s / 30 s (= duty factor of 25%)	
Beamer® Plus		
Power Supply / Power Input	via Beamer® ESU / Max. 40 watts	CB200
Argon Gas Flow	0.1 to 8.0 l/min +/- 20%	
Weight and Dimensions	Weight: 3.5kg / (Width x Height x Depth): 390 x 108 x 425mm/15 x 4 x 16.7in	
Beamer® Cart		
Weight and Dimensions	Weight: 38kg / (Width x Height x Depth): 660 x 1030 x 580mm/26 x 40.6 x 22.8in	CC200
Beamer® Irrigating Pump System		
Electrical: Voltage / Current Requirement	120V/240V~50 / 60Hz / 30VA	CETEGP-100
Pump: Biopsy Channel Flow Rate	0 - 200ml/min	
Pump: Auxiliary Water Channel Flow Rate	0 - 500ml/min	
Weight and Dimensions	Weight: 2.27kg / (Height x Width x Depth): 152 x 178 x 203mm/6 x 7 x 8in	
Beamer® System Accessories		
Beamer® Double Foot Pedal w/Swap-Mode Button and Foot Lift Bar		CE200-A05
Connecting Cable for Reusable Return Electrodes		CE200-A04
Beamer® Connecting Cable for Argon Probes		CB200-A01
Argon Pressure Reducer		CB200-A02
Universal Monopolar Active Cord		SN-UAC