



The **Conmed 5000 Electrosurgical Unit** can provide a wide range of procedures in one machine. The 5000 Electrosurgical unit comes with a Fluid Mode and a Laparoscopic Mode. The Fluid Mode added additional energy while in a fluid environment and the laparoscopic mode which limits the volts below 2,7000 volts to reduce the risk of burns. The System 5000 is build off of an advanced digital signal processing architecture that allows the unit to sample current and voltage over 450,00 times a minute while adjusting to accommodate the divergent delivers that are needed per mode. The Conmed 5000 comes with nine programmable memory settings, that make it easy to switch back and forth between procedures.

- Offering patient safety that can reduce blood loss and the risk of accidental burns
- Nine programmable setting, allowing surgeons to save their preferred operating conditions
- Remote Power Control with a standard Electrosurgical pencil

## Preset Modes

- General Mode, traditionally used in open procedures.
- Fluids Mode - Quick start-up in fluid environments, such as urology or arthroscopy.
- Laparoscopic Mode, Limits output voltage to minimize potential harmful effects of capacitive coupling and insulation breakdown.
- Pulse Cut, useful when precise cutting effect is needed around delicate structures.
- Pulse Coag, provides superficial homeostasis via pulsing bursts of coagulation energy.
- Bipolar Output Meter, provides feedback on desiccation levels via audible and visual indicators.
- ARM (Automatic Return Monitoring), provides advanced warning of compromised patient to dispersive electrode contact.



# Specifications

<b>Dimensions</b>	Height: 14in (5.5cm) Width: 35in (13.5 cm) Depth: 48 in (18.9cm)
<b>Weight</b>	4 kg ( 8.9 lbs)
<b>Generator</b>	Solid-state
<b>Frequency</b>	391 cut, 562 coag, 391 bipolar
<b>Cooling System (Systems)</b>	Convection, fan
<b>Independent output</b>	Yes
<b>Power Setting Display</b>	Yes
<b>Visual (Alerts)</b>	Yes
<b>Audible (Alerts)</b>	2 tones
<b>Volume Control (Signals)</b>	Yes
<b>Power Needed, VAC (Energy)</b>	90-127, 198-253"
<b>Bandwidth (outputs)</b>	2
<b>Footswitch</b>	Yes
<b>Bipolar System</b>	Yes

<b>Mode</b>	<b>Watts</b>	<b>Max Peak Voltage</b>
<b>MONOPOLAR Cut (blend) Coagulate</b>		
Max. energy output ( at rated ohms) (SYSTEMS)	More than 250 Watt 300	820 Pure
Max. energy output ( at rated ohms) (SYSTEMS)	Up to 150 Watt 80	6,350 spray
<b>BIPOLAR (Macro, Micro)</b>		
Max. energy output ( at rated ohms) (SYSTEMS)	More than 150 Watt 90	610 macro
Max. energy output ( at rated ohms) (SYSTEMS)	Up to 50 Watt 50	170 macro

