

Product Overview

The Conmed Excalibur Plus PC ElectroSurgical Unit is the most powerful isolated ESU available in its class. It allows the surgeon to adjust the power settings from the surgical field with a standard ES pencil. The Excalibur Plus PC patented Controlled Output Voltage™ in CUT maintains minimum necessary voltage for smooth cutting through various impedance tissues with minimal thermal damage.



Features

- Most powerful isolated ESU available.
- Allows the Surgeon to adjust power settings from the surgical field with a standard ES pencil.
- Excalibur Plus PC Patented Controlled Output Voltage in CUT maintains minimum necessary voltage for smooth cutting through various impedance tissues with minimal thermal damage.
- ElectroSurgical Generator with Cut, Coag, Bipolar and Blend.
- Includes a Mono-Polar Foot Pedal (Bi-Polar Foot Pedal is Optional Below).
- 300 watts of output
- The Excalibur Plus PC offers a scalpel-like cut and three blend modes.
- Pure Cut Maximum Peak to Peak Voltage is 2000 Volts
- Blend 1- Maximum Peak to Peak Voltage is 2000 Volts
- Blend 2- Peak Voltage of 2200 Volts
- Blend 3- The Excalibur plus PC comes equipped with the maximum Peak to Peak Voltage of 2400 Volts.

Specifications on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



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Specifications

Mains Over Current Protection:

Combined 2-pole circuit breaker/power switch

Mains Frequency Leakage:

Patient Connections to neutral: Less than 10 μ A typical

Chassis to Neutral:

Less than 25 μ A typical.

Power Display Accuracy:

The greater of +/- 10% of display or +/- 3 watts rated load

Line Regulation:

Power change < 1% /V for vline = min to max voltage

Operating Conditions:

10°C TO 30°C, 95% RH non-condensing

Physical Weight & Dimensions:

Weight: 40 Lb 12 oz (18.5 KG) 60 hz units; 43 lb (19.5 KG) 50 hz unit

Height: 6.25" (15.9) CM)

Width: 15.9" (40.4 CM)

Depth: 22.75" (57.8 CM)

Mounting Restriction:

2" (5CM) clearance required on each side of the unit for cooling

Cooling:

Natural convection, conduction, and radiation. No fan

Pad Monitor:

Single Pad Mode: Two wire continuity detector, typical threshold= 10 Ohms

Dual Pad Mode: Two wire resistance monitor, typical acceptance range 10 to 150 OHMS, trip threshold typically 20% higher than the last monitor set point activation, visual indication of patient resistance

Activation Frequencies:

Cut = 520 HZ
COAG = 400 HZ
Operator Error = 1710 HZ, pulsating
Plate Alarm = 1000 HZ (65 DBA MINIMUM)
Machine Fault = 1000 HZ (45 DBA Min).
Except Alarms Are 65 DBA Min)

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