



- The Force FX is a Digital Electrosurgical Unit. The Force FXc is a High Power Digital Electrosurgical Unit.
- Both generators feature computer controlled Instant Response™ Technology designed to ensure a consistent clinical effect through all tissue types



Features:

Dimensions : 4.375" H x 14" W x 17" L

Weight : 18 lbs

Input Power Requirements :

Operating Range: 170 – 264 VAC

Max Current: 3.5 A in cut and 2 A in coag

Output Waveforms: Bipolar:

Precise, standard and Macros : 470 kHz sinusoid

Monopolar Cut:

Low: 390 kHz sinusoid. Similar to the pure cut mode except the maximum voltage is limited to a lower value.

Pure 390 kHz sinusoid.

Blend: 390 kHz bursts of sinusoid, recurring at 27 kHz intervals, 50% duty cycle envelope.

Monopolar Coag:

Desiccate: 240 kHz sinusoid repeated at 39 kHz, 8% duty cycle.

Fulgurate: 390 kHz damped sinusoidal bursts with a repetition frequency of 57 kHz into 300Ohm.

Spray: 390 kHz damped sinusoid bursts with randomized repetition centered at 28 kHz.

Monopolar Coag (Continued) Frequencies include $21 \text{ kHz} < f < 35\text{kHz}$.

Output is further modulated by a random 250 Hz envelope with a variable duty cycle.

Low Frequency Leakage:

50 – 60 Hz. Source current, patient leads, all outputs tied together.

Normal polarity, intact chassis ground $< 10\mu\text{A}$.

Normal polarity, ground open $< 50\mu\text{A}$. Reverse polarity, ground open $< 50\mu\text{A}$.

Sink current at high line, all points $< 50\mu\text{A}$.

High Frequency Leakage:

Bipolar : $< 59.2 \text{ mArms}$

Monopolar : $< 150 \text{ mArms}$

CEM™ : $< 150 \text{ mArms}$ at $< \text{or equal } 50 \text{ W}$

Power Readouts: Agree with actual power into rated load to within $\pm 15\%$ or 5 watt, whichever is greater.

Medinnova Systems Pvt. Ltd.

Formerly Soma Tech Pvt. Ltd
Regd Office: E-114 GIDC – Savli
Manjusar - Savli Road, At. Po.
Manjusar - 391 775, Tal. Savli. Dist., Vadodara, Gujarat - India
Phone: +91-2667-264737
sales@medinnovsystems.com | www.medinnovsystems.com

