Valleylab Force 1C Electrical Surgical Units

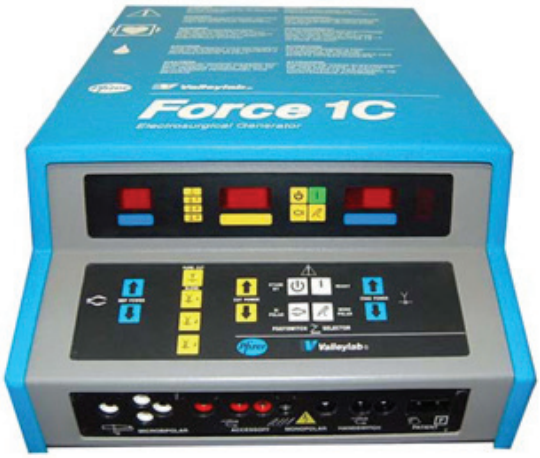
SOMA TECHNOLOGY, INC.™

New, Demo & Refurbished Medical Equipment

The Force 1C generator features a compact design suitable for the requirements for outpatient and office-based surgery, and the performance requirements for a full range of inpatient general surgery applications.

Features

- Outpatient procedures to full range surgical applications
- Monopolar and Bipolar outputs
- Audible and visual alarms



Soma Technology Inc. • 166 Highland Park Drive • Bloomfield, CT 06002 • USA
Phone: 1.800.GET.SOMA • www.SomaTechnology.com • Email: soma@somatechnology.com

Revised 1/4/2019

Specifications

Dimensions	Height: 6 in (15 cm) Width: 11 in (28 cm) Depth: 17in (43 cm) Weight: 5 lbs (6.8 kg)
Output Waveform	Cut: 516 kHz sinusoid Blend 1: 516 kHz of sinusoid at 70% duty cycle recurring at 31 kHz Blend 2: 516 kHz bursts of sinusoid at 45% duty cycle recurring at 31 kHz Blend 3: 516 kHz bursts of sinusoid at 20% duty cycle recurring at 31 kHz Coag: 516 kHz damped sinusoidal bursts with a repetition frequency of 31 kHz Micropolar: 516 kHz sinusoid, unmodulated
Power	(Max. operating range: 85-135 or 170-270 VAC; Nominal operating range: 110-120 or 220-240 VAC) Idle: 0.5 A Max. Current; 60 W Max. Power Cut: 5.0 A Max. Current; 600 W Max. Power Coag: 3.0 A Max. Current; 400 W Max. Power Micropolar: 2.0 A Max. Current; 180 W Max. Power
Output Characteristic	Cut: 2400 Max. (open circuit) P-P voltage; 300 Rated Load ohms; 200 Nominal Power at rated load watts; 1.8 @ 100 W Crest Factor at rated load typical Blend 1: 2800 Max. (open circuit) P-P voltage; 300 Rated Load ohms; 175 Nominal Power at rated load watts; 2.7 @ 100 W Crest Factor at rated load typical Blend 2: 3200 Max. (open circuit) P-P voltage; 300 Rated Load ohms; 150 Nominal Power at rated load watts; 3.3 @ 100 W Crest Factor at rated load typical Blend 3: 3600 Max. (open circuit) P-P voltage; 300 Rated Load ohms; 125 Nominal Power at rated load watts; 4.6 @ 100 W Crest Factor at rated load typical Coag: 5200 Max. (open circuit) P-P voltage; 300 Rated Load ohms; 75 Nominal Power at rated load watts; 8.0 @ 50 W Crest Factor at rated load typical Micropolar: 900 Max. (open circuit) P-P voltage; 100 Rated Load ohms; 50 Nominal Power at rated load watts; 1.8 @ 40 W Crest Factor at rated load typical

Soma Technology Inc. • 166 Highland Park Drive • Bloomfield, CT 06002 • USA
Phone: 1.800.GET.SOMA • www.SomaTechnology.com • Email: soma@somatechnology.com

Revised 1/4/2019