

Digital electrosurgical unit.

The Valleylab Force 40 is a digital electrosurgical unit that displays power and is very flexible in terms of cautery and procedure capabilities. The Force 40 ESU will perform standard functions including blend for both cut and bipolar modes.



Certified Refurbished

Specifications:

- » Automatic activation impedance: 40-100ohms
- » Automatic deactivation impedance: <20ohms, >2000ohms
- » Time delay range: 0.1 to 5.1 seconds
- » Activation tone: 45 to 65 dBA
- » Alarm Tone: >65 dBA
- » Weight: 20 lb. (9.1 kg)
- » Dimensions: 7.8" (H) x 16.1" (W) x 11.9" (D)
- » (199mm x 409 mm x 303 mm)
- » Operates on 110/240V, 50/60Hz.



Output Waveform:

- » Cut: 500kHz sinusiod
- » Blend 1: 500kHz bursts of sinusiod @50% duty cycle, recurring @ 31.25 kHz
- » Blend 2: 500kHz bursts of sinusiod @37.5% duty cycle, recurring @ 31.25 kHz
- » Desiccate: 500kHz damped sinusiodal burst with a repetition frequency of 250 kHz
- » Fulgurate: 500kHz damped sinusiodal burst with a repetition frequency of 62.5 kHz
- » Spray: 500kHz damped sinusiodal burst with a repetition frequency of 31.25 kHz
- » Standard Bipolar: 500kHz sinusiod
- » Precise Bipolar: 500kHz sinusiod

Output Characteristics

- » Cut: Max P-P 3300, Rate Load 300, Max Power 300, Crest Factor 2.1 @ 100W
- » Blend 1: Max P-P 3800, Rate Load 300, Max Power 250, Crest Factor 2.1 @ 100W
- » Blend 2: Max P-P 4000, Rate Load 300, Max Power 200, Crest Factor 2.1 @ 100W
- » Desiccate: Max P-P 3500, Rate Load 300, Max Power 200, Crest Factor 2.1 @ 100W
- » Fulgurate: Max P-P 6500, Rate Load 300, Max Power 150, Crest Factor 2.1 @ 100W
- » Spray: Max P-P 9000, Rate Load 300, Max Power 150, Crest Factor 2.1 @ 100W
- » Standard Bipolar: Max P-P 550, Rate Load 100, Max Power 50, Crest Factor 2.1 @ 100W
- » Precise Bipolar: Max P-P 550, Rate Load 100, Max Power 50, Crest Factor 2.1 @ 100W