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TECHNOLOGY GROUP

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Artisan Technology Group
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Tyco / Valleylab Force 4B-20* at our website: ***Click HERE***

VALLEYLAB® FORCE 4B®

- High Power Digital Electrosurgical Unit.
- This unit has digital display for output power and can be used for almost any electrosurgical procedure.
- Offers both Monopolar and bipolar output.



Typical Manufacturer's Picture

Specifications

Dimensions: 6 x 13 x 22 inches (15 x 33 x 56 cm)
Weight: 25 lbs. (11.4 kg)
Input Power Source: Nominal input line voltage is 120 VAC with a full range of 95-140 VAC. Frequency linearies from 45 to 64 Hz

	Max. Current	**Max. Power**
Idle	0.4 A	50 W
Cut	5.0 A	700 W
Coag	3.0 A	300 W
Bipolar	1.5 A	180 W

Output Characteristics	**Max. P-P Voltage**	**Rated Load (ohms)**	**Nominal Power (watts)**	**Crest Factor**
Cut	5000	300	300	1.9 @ 100 W
Blend 1	5800	300	250	3.0 @ 100 W
Blend 2	5800	300	200	3.8 @ 100 W
Blend 3	6500	300	200	6.0 @ 100 W
Spray Coag	9000	300	120	10.0 @ 50 W
Soft Coag	900	300	60	12 .0@ 50 W
Low Volt Coag	6500	300	99	6.0 @ 50 W
Std Bipolar	1800	100	70	5.5 @ 40 W
Precise bipolar	600	100	70	2.2 @ 40 W

Output Waveform	**Sinusoid**	**Duty Cycle**	**Recurrence**
Cut	750 kHz	----------	----------
Blend 1	750 kHz bursts	50%	31 kHz
Blend 2	750 kHz bursts	31%	31 kHz
Blend 3	750 kHz bursts	27%	31 kHz + inductive discharge damped sinusoidal bursts
Spray Coag	750 kHz	_____	31 kHz
Soft Coag	750 kHz	_____	20.7 kHz
Low Voltage Coag	750 kHz bursts	27%	31 kHz + inductive discharge damped sinusoidal bursts
Std Bipolar	750 kHz	25%	31 kHz
Precise Bipolar	750 kHz	_____	_____

Low Frequency Leakage: (50/60 Hz) Normal polarity: intact chassis ground - <10 mA, ground open - <100 mA. Reverse polarity: ground open - <100 mA. Sink current, 140V applied, all inputs - <150 mA. Chassis source current, ground open - <110 mA
High Frequency risk parameters: Bipolar RF leakage current: <150 milliamperes
REM™ Contact Quality Monitor: Measurement frequency: 140 kHz ± 10 kHz. Measurement current: 1.0 mA ± 0.5 mA

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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