

Force Argon™ II System

Improved precision and control in electrosurgery



Now the benefits of precise, controlled argon-enhanced electrosurgery are available in a compact, easy to operate unit – the Force Argon™ II System from Valleylab.

PRECISION

Argon-enhanced coagulation offers precise energy delivery for efficient, noncontact coagulation over large surface areas. Argon-enhanced coagulation produces rapid hemostasis with a thinner, more flexible eschar, reduced rebleeding, and less tissue damage.

VISIBILITY

Argon-shrouded cut facilitates cutting with less smoke and enhanced visibility.

PATIENT SAFETY

Gas flow control enhances patient safety. The low flow rate, designed to help prevent overpressurization in laparoscopic procedures, is automatically invoked at system start up. Standard flow rate may be selected for open procedures.

VERSATILITY

Multifunction handset provides delivery of standard or argon-enhanced electrosurgery.

FLEXIBILITY

The Force Argon™ II system design reduces space requirements and offers optimal surgical flexibility. The compact unit is compatible with a full range of Valleylab™ electrosurgical generators and argon accessories.



UNIVERSAL MOUNTING SYSTEM

designed to accommodate several pieces of equipment efficiently and conveniently.



COMPATIBILITY WITH ARGONPLUS™ HANDSET

allows the Force Argon™ II System to be used with the Valleylab™ four-function handset and a variety of electrodes designed for open and laparoscopic surgery.

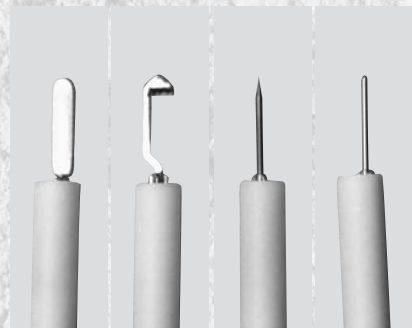


Blade electrode

Sharp needle

Flat L electrode

Blunt needle



Force Argon™ II System

Technical Specifications

WEIGHT AND DIMENSIONS

Height:	14.0 cm (5.6 in.)
Width:	41.0 cm (17.8 in.)
Length:	45.0 cm (16.0 in.)
Weight:	12 kg (24 lbs)

GAS FLOW RANGE

Standard Mode:	0.5-12 standard liters/minute $\pm$ 15% of full scale
Low Flow Mode:	0.5-4 standard liters/minute $\pm$ 15% of full scale

GAS FILTRATION SYSTEM

0.1 micron internal filter
1.2 micron external filter

OVERPRESSURE MONITORING

Audio and visual alarm, user selectable setpoint
Active in low flow mode

INPUT POWER SOURCE

Operating Range:	120-240 VAC
Line Frequency:	50-60 Hz
Current:	< 0.5 Amperes

AUDIO VOLUME

The alarm tones are set at a minimum 65 dB at 1 meter and are adjustable.

OPERATING PARAMETERS

Temperature Range:	50° to 104° F (10° to 40° C)
Humidity Range:	15% to 85% noncondensing

STORAGE AND SHIPPING

Temperature Range:	-40° to 158° F (-4° to 70° C)
Humidity Range:	25% to 85% noncondensing

APPROVALS



IEC601-1

ORDER INFORMATION

CATALOG NUMBER	DESCRIPTION	ORDER QUANTITY
Force Argon™ II	Portable argon gas delivery system. It includes overpressure monitor and one gas regulator. Electrosurgical generator and argon gas tanks sold separately.	1 each
Force FX™	Microcontroller-based isolated electrosurgical generator, designed for all general surgical procedures. Unit includes the Valleylab™ autoranging REM™ and Instant Response™ systems.	1 each
E2520H	Single use ArgonPlus™ handset for delivery of standard or argon-enhanced electrosurgery. Includes single use holster and retractable 2.5 cm (1 in.) blade electrode. Requires E0502-12 adapter.	10/case
E0502-1	Adapter for ArgonPlus™ Handset	1 each
GR200A-20	Argon gas regulator for second argon tank hook-up.	1 each
GT100	Argon tank hook-up, G-size, 42 cubic feet	1 each
UC8009	Base Cart	1 each
UC8010	Optional Overshelf	1 each
UC8011	Optional Cord Management Kit (2 brackets)	1 each
UC8015	Optional Argon Gas Tank Kit	1 each

Sterile, Single Use ArgonPlus™ Electrodes

E2530-3	7.6 cm (3 in.) flexible coagulation only electrode	10/case
E2530-6	15 cm (6 in.) flexible coagulation only electrode	10/case
E2530-28	28 cm (11 in.) flexible coagulation only electrode	10/case
E2580-28	28 cm (11 in.), 5 mm laparoscopic extender with blade electrode	10/case
E2581-28	28 cm (11 in.), 5 mm laparoscopic extender with modified flat L electrode	10/case
E2582-28	28 cm (11 in.), 5 mm laparoscopic extender with tungsten sharp needle electrode	10/case
E2583-28	28 cm (11 in.), 5 mm laparoscopic extender with tungsten blunt needle electrode	10/case
E2532	2.5 cm (1 in.) tungsten sharp needle electrode	50/case
E2533	2.5 cm (1 in.) tungsten blunt needle electrode	50/case

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Healthcare

Valleylab