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Find the *Tyco / Valleylab Force Argon II* at our website: ***Click HERE***

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.

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 and reduced rebleeding.

ARGON-SHROUDED CUT

facilitates cutting with less smoke and enhanced visibility.

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.

LAPAROSCOPIC OVERPRESSURE MONITOR

helps avoid excessive peritoneal pressure in laparoscopic surgery. Audio and visual alarms warn of overpressure condition.

FLEXIBLE 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.

tyco Healthcare

Valleylab™ Innovations That Work

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PERITONEAL PRESSURE TUBE

monitors pressure conditions in laparoscopic procedures.



UNIVERSAL MOUNTING SYSTEM

designed to accomodate 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.



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 ± 15% of full scale
Low Flow Mode:
0.5-4 standard liters/minute ± 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 Perameters

Temperature Range:	50° to 104° F
Humidity Range:	15% to 85% noncondensing

Storage and Shipping

Temperature Range:	-40° to 158° F
Humidity Range:	25% to 85% noncondensing

Approvals

CE 0086 IEC601-1

Order Information

CATALOG NUMBER	DESCRIPTION	ORDER QUANTITY
Force Argon II	Portable argon gas delivery system. Unit 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 units/case
E2520PT	Sterile, single use peritoneal pressure tubing for overpressure monitor.	10 units/case
GR200A-20	Argon gas regulator for second argon tank hook-up.	1 each
UC8009	Base Cart	1 each
UC8010	Optional Upper Shelf	1 each
UC8011	Optional Cord Management Kit (2 brackets)	1 each
UC8015	Optional Argon Gas Tank Kit	1 each

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