



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 ValleyLab Force Argon II system. 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. The standard flow rate can be selected for open procedures. The laparoscopic overpressure monitor helps avoid excessive peritoneal pressure in laparoscopic surgery. Audio and visual alarms warn of an overpressure condition. Flexible system design reduces space requirements and offers optimal surgical flexibility. The compact unit can be cart or ceiling mounted and is compatible with a full range of Valleylab electrosurgical generators and argon accessories. The universal mounting system is designed to accommodate several pieces of equipment efficiently and conveniently. Compatibility with the ValleyLab ArgonPlus handset allows the ValleyLab Force Argon II system to be used with this four-function handset and a variety of electrodes designed for open and laparoscopic surgery.

Features

- 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. The standard flow rate can be selected for open procedures
- The laparoscopic overpressure monitor helps avoid excessive peritoneal pressure in laparoscopic surgery. Audio and visual alarms warn of an overpressure condition
- Flexible system design reduces space requirements and offers optimal surgical flexibility. The compact unit can be cart or ceiling mounted and is compatible with a full range of Valleylab electrosurgical generators and argon accessories
- The universal mounting system is designed to accommodate several pieces of equipment efficiently and conveniently
- Compatibility with the ArgonPlus™ handset allows the Force Argon™ II system to be used with this fourfunction handset and a variety of electrodes designed for open and laparoscopic surgery



Specifications

Dimensions

Height: 14.0 cm (5.6 in.)
Width: 41.0 cm (16.0 in.)
Length: 45.0 cm (17.8 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

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

Storage and Shipping

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