



The **Valleylab LigaSure** vessel sealing system gives you something no other electro-surgical tool can - permanent vessel occlusion. The LigaSure™ system's revolutionary technology replaces almost all other hemostatic tools because it doesn't just ligate vessels, it actually fuses vessel walls to create a permanent seal.

Features

- Provides a combination of pressure and energy to create vessel fusion
- Permanently fuses vessels up to and including 7 mm in diameter and tissue bundles without dissection or isolation
- Average seal cycle is 2 to 4 seconds
- Seals withstand 3 times normal systolic blood pressure
- Feedback-controlled response system automatically discontinues energy delivery when the seal cycle is complete, eliminating the guesswork



Specifications

Dimensions

Height: 5" (12.7 cm)
Width: 15.2" (38.6 cm)
Depth: 16" (40.6 cm)
Weight: 13 lbs (5.9 kg)

General

Output Configuration: Isolated output
Cooling: Natural convection
Display: Two (2) digital seven-segment displays: 1.9 cm (0.75 in.) each
Mounting: A Valleylab cart (UC8009) or a stable flat surface

Operating Conditions

Ambient Temperature range: 10° to 40° C (50° to 104° F)
Relative Humidity: 15% to 90%, non-condensing
Atmospheric Pressure: 700 to 1060 millibars
Warm-up Time: If transported or stored at temperatures outside the operating temperature range, allow one hour for the generator to reach room temperature before using

Output Waveform

Macrobipolar/Bipolar: 473 kHz sinusoid, 100% duty cycle
Seal: 473 kHz sinusoid, pulsed

