Full Circuit™
System Standardization Program

Valleylab, the world leader in radio frequency energy-based systems, is committed to providing you with a complete line of products that contribute to the safest possible surgical environment.

Valleylab manufactures a full range of RF energy products — electrosurgical and tissue fusion generators, pencils, patient return electrodes, treatment systems, and an entire line of accessories. Our fully integrated systems set the standard for the industry in patient care and purchasing efficiency.

Valleylab’s Full Circuit™ System Standardization Program provides comprehensive support. As a standardized Valleylab customer, you have access to a complete array of services and benefits designed to help your facility operate as efficiently and safely as possible.

Full Circuit™ System Standardization Benefits

In order to participate in the Full Circuit™ program, your facility must be using all Valleylab™ hardware, pencils, return electrodes, and accessories.

• Extended generator warranty (Force FX™-C, Force EZ™-C, LigaSure™, SurgiStat™ II)
• Extended OptiMumm™ smoke evacuator warranty
• Free loaner electrosurgical generator
• Free biomedical engineering service school tuition
• Free education programs

To learn more about Full Circuit™ System Standardization, call your Valleylab sales representative at 800 255 8522.
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Generators
All generators are designed to meet UL, CE, and CSA specifications. Replacement User’s Guides and Service Manuals are available for all models (see page 68). All generators include a power cord. All other accessories are sold separately.

TissueFect™ Tissue sensing energy
TissueFect™ sensing technology is a Valleylab control system designed to precisely manage energy delivery creating a range of options for desired tissue effect. The ForceTriad™ energy platform provides the surgeon with consistent power delivery in all monopolar and bipolar modes.

**ForceTriad™**

<table>
<thead>
<tr>
<th>1 each</th>
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</thead>
</table>

**ForceTriad™ Energy Platform**
The new ForceTriad™ energy platform is a revolutionary radiofrequency energy system providing your operating room with state-of-the-art technology, enabling surgeons with precisely controlled energy and desired tissue effect. The ForceTriad™ energy platform delivers both enhanced monopolar and bipolar energy with the next generation of LigaSure™ tissue fusion technology all in one unit.

- Enhanced LigaSure™ tissue fusion
- TissueFect™ sensing technology
- All-in-one unit combining electrosurgery and LigaSure™ tissue fusion
- Automatic instrument recognition
LigaSure™ Tissue Fusion

Hardware Accessories

Footswitches

**LF0500**

1 each

*LigaSure™ Single Pedal Footswitch*

For use with ForceTriad™ Energy platform.

• 4.6 m (15 ft) cord

**LS0300**

1 each

*LigaSure™ Single Pedal Footswitch*

• 4.6 m (15 ft) cord

*Note: Compatible with LigaSure™ generator only.*

Hardware Accessories

Mounting Cart and Accessories

**FT900**

1 each

*ForceTriad™ Energy Platform Cart*

For use with ForceTriad™ Energy Platform.

**FT950**

1 each

*ForceTriad™ Energy Platform Cart Front Panel*

**FT990**

1 each

*ForceTriad™ Energy Platform Cart Drawer*
Open Instruments

Open Procedure Sealers/Dividers

LS1520  6 units/case

LigaSure Atlas™ V 20 cm Open Procedure Sealer/Divider
• 5 mm diameter; 20 cm (7.9 in.) in length
• Seal length 18 mm; blade length 14 mm
• Hand activated
• 159 degree shaft rotation
• Dolphin nose jaw design

LS1120  6 units/case

LigaSure Atlas™ V 20 cm Open Procedure Sealer/Divider
• Sterile
• Single use with cord
• 10 mm diameter; 20 cm (7.9 in.) in length
• Seal length 22 mm; blade length 20 mm
• Hand activated
• 359 degree shaft rotation
• Straight jaw design

LS1020  6 units/case

LigaSure Atlas™ V 20 cm Hand Switching Sealer/Divider
• Sterile
• Single use with cord
• 10 mm diameter; 20 cm (7.9 in.) in length
• Seal length 22 mm; blade length 20 mm
• Hand activated
• 359 degree shaft rotation
• Straight jaw design

LF4200  6 units/case

LigaSure Impact™
• Sterile
• Single use with cord
• Oval shaft 11.8 - 13.5 mm in diameter; 18 cm in length
• Seal length 36 mm; blade length 34 mm
• Hand activated
• 180 degree shaft rotation
• 14 degree curved jaw

Note: Compatible with the ForceTriad™ generator only.
## Open Instruments

### Open Procedure Sealers

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LS1200</strong></td>
<td><strong>LigaSure Precise™ Instrument</strong></td>
</tr>
<tr>
<td></td>
<td>- Sterile</td>
</tr>
<tr>
<td></td>
<td>- Single use with cord</td>
</tr>
<tr>
<td></td>
<td>- 17 cm (6.5 in.) length</td>
</tr>
<tr>
<td></td>
<td>- 15 degree curved jaw</td>
</tr>
<tr>
<td></td>
<td><strong>6 units/case</strong></td>
</tr>
<tr>
<td><strong>LS2070</strong></td>
<td><strong>LigaSure™ Std Reusable Instrument</strong></td>
</tr>
<tr>
<td></td>
<td>- Requires LS2071 electrode</td>
</tr>
<tr>
<td></td>
<td>- 18 cm (7 in.) length</td>
</tr>
<tr>
<td></td>
<td>- Foot pedal activated</td>
</tr>
<tr>
<td></td>
<td>- 30 degree curved jaw</td>
</tr>
<tr>
<td></td>
<td><strong>1 each</strong></td>
</tr>
<tr>
<td><strong>LS2071</strong></td>
<td><strong>LigaSure™ Std Electrode</strong></td>
</tr>
<tr>
<td></td>
<td>- Sterile</td>
</tr>
<tr>
<td></td>
<td>- Single use snap-in with cord</td>
</tr>
<tr>
<td></td>
<td>- Compatible with LS2070</td>
</tr>
<tr>
<td></td>
<td>- Smooth jaw surface</td>
</tr>
<tr>
<td></td>
<td><strong>12 units/case</strong></td>
</tr>
<tr>
<td><strong>LS2110</strong></td>
<td><strong>LigaSure™ Axs Reusable Instrument</strong></td>
</tr>
<tr>
<td></td>
<td>- Requires LS2111 electrode</td>
</tr>
<tr>
<td></td>
<td>- 27 cm (10.5 in.) in length</td>
</tr>
<tr>
<td></td>
<td>- Foot pedal activated</td>
</tr>
<tr>
<td></td>
<td>- 60 degree curved jaw</td>
</tr>
<tr>
<td></td>
<td><strong>1 each</strong></td>
</tr>
</tbody>
</table>
Open Instruments
Open Procedure Sealers

LS2111 12 units/case
LigaSure™ Axs Electrode
• Sterile
• Single use snap-in with cord
• Compatible with LS2110
• Fine cross serrated jaw surface

LS3091 12 units/case
LigaSure™ Max Electrode
• Sterile
• Single use snap-in with cord
• Compatible with LS3090
• Ridged, grained jaw surface

LS3090 1 each
LigaSure™ MaxReusable Instrument
• Requires LS3091 electrode
• 23 cm. (9 in.) in length
• Foot pedal activated
• 30 degree curved jaw

LS3110 1 each
LigaSure™ Xtd Reusable Instrument
• Requires LS3111 electrode
• 28 cm (11 in.) in length
• Foot pedal activated
• 30 degree curved jaw
Open Instruments
Open Procedure Sealers

**LS3111** 12 units/case

**LigaSure™ Xtd Electrode**
- Sterile
- Single use snap-in with cord
- Compatible with LS3110
- Ridged, grained jaw surface

**LS0200** 1 each

**LigaSure™ Sterilizer Case**
For use with LigaSure™ reusable instruments.
- Holds 4 instruments

Note: Compatible with the ForceTriad™ Energy Platform only.

Laparoscopic Instruments
Laparoscopic Sealers/Dividers

**LS1500** 6 units/case

**LigaSure™ V Laparoscopic Sealer/Divider**
- Sterile
- Single use with cord
- 5 mm diameter; 37 cm (7.9 in.) in length
- Seal length 18 mm; blade length 14 mm
- Hand activated
- 159 degree shaft rotation
- Dolphin nose jaw design

**LS1100** 6 units/case

**LigaSure Atlas™ Laparoscopic Sealer/Divider**
- Sterile
- Single use with cord
- 10 mm diameter; 37 cm (7.9 in.) in length
- Seal length 22 mm; blade length 20 mm
- Foot pedal activated
- 359 degree shaft rotation
- Straight jaw design
**Laparoscopic Instruments**

**Laparoscopic Sealers/Dividers**

**LigaSure™ Hand Switching Laparoscopic Sealer/Divider**

- Sterile
- Single use with cord
- 10 mm diameter; 37 cm (7.9 in.) in length
- Seal length 22 mm; blade length 20 mm
- Foot pedal activated
- 359 degree shaft rotation
- Straight jaw design

**LS1037**

6 units/case

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**LigaSure™ Lap Instrument**

- Sterile
- Single use with cord
- 5 mm Diameter; 37 cm (12.6 in.) in length
- Foot pedal activated
- Continuous shaft rotation
- Maryland style jaw surface

**LS1000**

6 units/case
Generators
All generators are designed to meet UL, CE, and CSA specifications. Replacement User’s Guides and Service Manuals are available for all models (see page 68). All generators include a power cord. All other accessories are sold separately.

TissueFect™ Tissue Sensing Energy Platform

TissueFect™
TissueFect™ sensing technology is a Valleylab control system designed to precisely manage energy delivery creating a range of options for desired tissue effect. The ForceTriad™ energy platform provides the surgeon with consistent power delivery in all monopolar and bipolar modes.

ForceTriad
1 each

ForceTriad™ Energy Platform
The new ForceTriad™ energy platform is a revolutionary radiofrequency energy system providing your operating room with state-of-the-art technology, enabling surgeons with precisely controlled energy and desired tissue effect. The ForceTriad™ energy platform delivers both enhanced monopolar and bipolar energy with the next generation of LigaSure™ tissue fusion technology all in one unit.

• Enhanced LigaSure™ tissue fusion
• TissueFect™ sensing technology
• All-in-one unit combining electrosurgery and LigaSure™ tissue fusion
• Automatic instrument recognition
Generators

Instant Response™ Electrosurgical Generators

Instant Response™ Technology
This smart generator technology features an advanced feedback system that senses changes in tissue impedance and adjusts output accordingly. The result is:

• Less thermal damage to surrounding tissue
• More consistent surgical performance
• Ability to use lower power settings
• Less electrode drag
• Less capacitive coupling

Force FX-C 1 each

Force FX™ Electrosurgical Generator
Designed for the most demanding monopolar and bipolar procedures.

• Instant Response™ technology
• Adaptive REM™ system
• Isolated output
• Bipolar current monitor (VLCM) compatible
• Interlink cable

• PER = 98*

*PER – Measures the ability of an electrosurgical generator to accurately deliver the selected power into a wide range of tissue types. It is measured at 40 watts pure cut and is approximate.

Generators

Instant Response™ Electrosurgical Generators

Force EZ-C 1 each

Force EZ™ Electrosurgical Generator
Designed for most monopolar and bipolar procedures.

• Instant Response™ technology
• Adaptive REM™ system
• Isolated output
• Interlink cable

• PER = 97*

*PER – Measures the ability of an electrosurgical generator to accurately deliver the selected power into a wide range of tissue types. It is measured at 40 watts pure cut and is approximate.
Generators

Minor Procedure Electrosurgical Generators

SurgiStat II-20 1 each

SurgiStat™ II Electrosurgical Generator
Designed for light duty office-based monopolar and bipolar procedures

- Conventional electrosurgery technology
- Return Electrode Control Quality Monitoring (RECQM) system
- Isolated output
- PER = 86*

*PER – Measures the ability of an electrosurgical generator to accurately deliver the selected power into a wide range of tissue types. It is measured at 40 watts pure cut and is approximate.

Hardware Accessories

Footswitches
All footswitches are water resistant.

E6008 1 each
Monopolar Footswitch
- Compatible with all Force™ series and SurgiStat™ II generators
- 4.6 m (15 ft) cord

E6008B 1 each
Monopolar Footswitch
- Compatible with all Force™ series and SurgiStat™ II generators
- 4.6 m (15 ft) cord

E60091 each
Standard Bipolar Footswitch
- Compatible with all Force™ series generators.
- 4.6 m (15 ft) cord
Hardware Accessories

Footswitches
All footswitches are water resistant.

E6019
1 each
Dome Bipolar Footswitch
• Compatible with all Force™ series generators.
• 4.6 m (15 ft) cord

LF0500
1 each
LigaSure™ Single Pedal Footswitch
For use with ForceTriad™ Energy platform.
• 4.6 m (15 ft) cord

LS0300
1 each
LigaSure™ Single Pedal Footswitch
• 4.6 m (15 ft) cord

Note: Compatible with LigaSure™ generators only.
Electrosurgery

Hardware Accessories

Bipolar Current Monitor

VLCM 1 each

Bipolar Current Monitor
For use with Force FX™ series generators or LigaSure™ vessel sealing system.

Mounting Stand, Carts and Accessories

E8002 1 each
Mounting Stand for SurgiStat™ II Generator

UC8009 1 each
Universal Mounting Cart
Compatible with all Valleylab Force series generators, the Force Argon™ II-20 system, and the OptiMumm™ smoke evacuation system.

- Rust resistant
- Conductive casters (2 locking, 2 non-locking)

UC8010 1 each
Overshelf for UC8009 Universal Mounting Cart
Ideal for a second electrosurgical generator, LigaSure™ vessel sealing system, OptiMumm™ smoke evacuation system, or Force Argon II™ system.
Hardware Accessories
Mounting Stand, Carts and Accessories

UC8011  1 each
Cord Management Kit for UC8009 Universal Mounting Cart
  • Two brackets

UC8012  1 each
Drawer for UC8009 Universal Mounting Cart
  Note: Not compatible with UC8013 Suspended Shelf.

Hardware Accessories
Mounting Stand, Carts and Accessories

UC8013  1 each
Suspended Shelf for UC8009 Universal Mounting Cart
  • Ideal for the OptiMumm™ smoke evacuation system.
  Note: Not compatible with UC8012 Drawer.

UC8015  1 each
Argon Gas Tank Kit for UC8009 Universal Mounting Cart
Hardware Accessories

Mounting Stand, Carts and Accessories

- **FT900 1 each**
  - ForceTriad™ Energy Platform Cart
  - For use with the ForceTriad™ Energy Platform.

- **FT950 1 each**
  - ForceTriad™ Energy Platform Cart Front Panel

- **FT990 1 each**
  - ForceTriad™ Energy Platform Cart Drawer
Sterile

Electrosurgical Pencils, Single Use
With EDGE™ Coated Electrodes

Accept all standard 2.4 mm (3/32 in.) shaft electrodes.

Holster
DB 15 ft cord
Smoke attachment
DA Needle electrode

E2350H  50 units/case
Rocker Switch Pencil
• EDGE™ coated hex-locking blade electrode
• Holster
• 3 m (10 ft) cord

E2350HDB  50 units/case
Rocker Switch Pencil
• EDGE™ coated hex-locking blade electrode
• Holster
• 4.6 m (15 ft) cord

E2450H  50 units/case
Button Switch Pencil
• EDGE™ coated hex-locking blade electrode
• Holster
• 3 m (10 ft) cord

E2250H  50 units/case
Footswitching Pencil
Requires E0502-1 active adapter.
• EDGE™ coated hex-locking blade electrode
• Holster
• 3 m (10 ft) cord

Note: Does not accept Safety Sleeve™ electrodes.

E2400  50 units/case
Electrosurgery Accessory Holster
Sterile

Electrosurgical Pencils, Single Use
WITH STAINLESS STEEL ELECTRODES
Accept all standard 2.4 mm (3/32 in.) shaft electrodes.

HHolster
DB15 ft cord
SSmoke attachment
DANeedle electrode

E2515H  50 units/case

Rocker Switch Pencil
• Stainless steel hex-locking blade electrode
• Holster
• 3 m (10 ft) cord

E2515HDA  50 units/case

Rocker Switch Pencil
• Stainless steel hex-locking needle electrode
• Holster
• 3 m (10 ft) cord

E2516H  50 units/case

Button Switch Pencil
• Stainless steel hex-locking blade electrode
• Holster
• 3 m (10 ft) cord

E2516HDA  50 units/case

Button Switch Pencil
• Stainless steel hex-locking needle electrode
• Holster
• 3 m (10 ft) cord
Sterile

**Electrosurgical Pencils, Single Use**
**With Stainless Steel Electrodes**

**E2517H**
10 units/case

**Power Control Button Switch Pencil**
For use with Force™ 2*, Force™ 4 series*, and Force™ 40* generators.

- Stainless steel hex-locking blade electrode
- Holster
- 3 m (10 ft) cord
* Generators no longer available.

**E2504H**
50 units/case

**Footswitching Pencil**
Requires E0502-1 active adapter.

- Stainless steel hex-locking blade electrode
- Holster
- 3 m (10 ft) cord

*Note: Does not accept Safety Sleeve™ electrodes.*

**E2400**
50 units/case

**Electrosurgery Accessory Holster**

**E2401**
100 units/case

**LectroBrasive™ Tip Cleaner**
- X-ray detectable
- For use with stainless steel electrodes
Sterile

Electrosurgical Pencils, Single Use With Arthroscopic Electrodes

Accept all standard 2.4 mm (3/32 in.) shaft electrodes.

Holster

E2510H 10 units/case
Rocker Switch Pencil
• Arthroscopic right angle hook electrode
• Insulated
• Holster
• 3 m (10 ft) cord

E2511H 10 units/case
Rocker Switch Pencil
• Arthroscopic 45 degree angle hook electrode
• Insulated
• Holster
• 3 m (10 ft) cord

E2350HS 25 units/case
Rocker Switch Pencil
• EDGE™ coated hex-locking blade electrode
• AccuVac™ smoke evacuation attachment
• Holster
• 3 m (10 ft) cord
Electrosurgery

Sterile
Electrosurgical Pencils, Single Use
With Smoke Attachment

E2450HS 25 units/case
Button Switch Pencil
• EDGE™ coated hex-locking blade electrode
• AccuVac™ smoke evacuation attachment
• Holster
• 3 m (10 ft) cord

E2516HS 25 units/case
Button Switch Pencil
• Stainless steel hex-locking blade electrode
• AccuVac™ smoke evacuation attachment
• Holster
• 3 m (10 ft) cord

E2515HS 25 units/case
Rocker Switch Pencil
• Stainless steel hex-locking blade electrode
• AccuVac™ smoke evacuation attachment
• Holster
• 3 m (10 ft) cord
**Electrosurgical Pencil, Reusable**

EtO or steam sterilizable

E2100 10 units/case

Rocker Switch Pencil
Accepts all standard 2.4 mm (3/32 in.) shaft electrodes.

- Nonsterile
- 50 uses
- Reusable stainless steel blade electrode
- 4.6 m (15 ft) silicone cord

**Suction Coagulators**

Single Use – Sterile

E2608-6 25 units/case

Handswitching Suction Coagulator

- 8 Fr (2.7 mm; .105 in. diameter)
- 15.24 cm (6 in.) length

E2610-6 25 units/case

Handswitching Suction Coagulator

- 10 Fr (3.3 mm; .131 in. diameter)
- 15.24 cm (6 in.) length

E2610-16 10 units/case

Handswitching Suction Coagulator

- 10 Fr (3.3 mm; .131 in. diameter)
- 40.64 cm (16 in.) length
Suction Coagulators
Single Use – Sterile

E2612-6  25 units/case
Handswitching Suction Coagulator
• 12 Fr (4 mm; .158 in. diameter)
• 15.24 cm (6 in.) length

E2505-10FR  25 units/case
Footswitching Suction Coagulator
Requires E0502-1 active adapter
• Single use – sterile
• 10 Fr (3.3 mm; .131 in. diameter)
• 40.64 cm (16 in.) length

E0502-1  1 each
Monopolar Adapter
• Interfaces with most (and all Valleylab) electrosurgical generators for footswitching adaptation
• Accepts standard active accessory cord connectors up to 3.2 mm

Suction Coagulators
Single Use – Sterile

E2506-10FR  10 units/case
Footswitching Suction Coagulator
Requires E0502-1 active adapter
• Single use – sterile
• 10 Fr (3.3 mm; .131 in. diameter)
• 40.64 cm (16 in.) length
STERILE

Electrosurgical Electrodes, Single Use

Edge™ Coated Electrodes

Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

E1450G  50 units/case

EDGE™ Coated Blade Electrode

- Non hex-locking
- Total Length: 7.62 cm (3 in.)
- Active Length: 2.8 cm (1.1 in.)

E1450X  50 units/case

EDGE™ Coated Blade Electrode

- Hex-locking
- Total Length: 6.35 cm (2.5 in.)
- Active Length: 2.8 cm (1.1 in.)

E1450-4  50 units/case

EDGE™ Coated Blade Extended Electrode

- Non hex-locking
- Total Length: 10.16 cm (4 in.)
- Active Length: 2.54 cm (1 in.)

E1450-6  50 units/case

EDGE™ Coated Blade Extended Electrode

- Non hex-locking
- Total Length: 16.51 cm (6.5 in.)
- Active Length: 2.54 cm (1 in.)

E1452  50 units/case

EDGE™ Coated Needle Electrode

- Non hex-locking
- Total Length: 7.2 cm (2.84 in.)
- Active Length: 2.8 cm (1.1 in.)
- Tip Radius: 0.864 mm (0.034 in.)
Electrosurgical Electrodes, Single Use

**Edge™ Coated Electrodes**

**E1452-6**  
50 units/case  
**EDGE™ Coated Needle Extended Electrode**  
• Non hex-locking  
• Total Length: 16.51 cm (6.5 in.)  
• Active Length: 2.54 cm (1 in.)  
• Tip Radius: 0.864 mm (0.034 in.)

**E1455**  
50 units/case  
**EDGE™ Coated Blade Electrode**  
• Insulated  
• Hex-locking  
• Total Length: 6.99 cm (2.75 in.)  
• Active Length: 5.1 mm (0.2 in.)

**E1455B**  
25 units/case  
**EDGE™ Coated Blade Electrode**  
• Safety Sleeve™  
• Insulated  
• Non hex-locking  
• Total Length: 6.99 cm (2.75 in.)  
• Active Length: 5.1 mm (0.2 in.)  
* Not compatible with footswitching pencils.

**E1455B-4**  
25 units/case  
**EDGE™ Coated Blade Extended Electrode**  
• Safety Sleeve™  
• Insulated  
• Non hex-locking  
• Total Length: 10.16 cm (4 in.)  
• Active Length: 5.1 mm (0.2 in.)  
* Not compatible with footswitching pencils.

**E1455-4**  
50 units/case  
**EDGE™ Coated Blade Extended Electrode**  
• Insulated  
• Non hex-locking  
• Total Length: 10.16 cm (4 in.)  
• Active Length: 5.1 mm (0.2 in.)

**E1455-6**  
50 units/case  
**EDGE™ Coated Blade Extended Electrode**  
• Insulated  
• Non hex-locking  
• Total Length: 16.51 cm (6.5 in.)  
• Active Length: 5.1 mm (0.2 in.)
Electrosurgery

**Electrosurgical Electrodes, Single Use**

**Edge™ Coated Electrodes**

**E1465** 50 units/case

**EDGE™ Coated Needle Electrode**
- Insulated
- Non hex-locking
- Total Length: 7.2 cm (2.84 in.)
- Active Length: 5.1 mm (0.2 in.)
- Tip Radius: 0.787 mm (0.031 in.)

**E1465B 25 units/case**

**EDGE™ Coated Needle Electrode**
- Insulated
- Non hex-locking
- Total Length: 7.21 cm (2.84 in.)
- Active Length: 5.1 mm (0.2 in.)
- Tip Radius: 0.787 mm (0.031 in.)

**E1465B-4 25 units/case**

**EDGE™ Coated Needle Extended Electrode**
- Safety Sleeve™
- Insulated
- Non hex-locking
- Total Length: 10.16 cm (4 in.)
- Active Length: 5.1 mm (0.2 in.)
- Tip Radius: 0.787 mm (0.031 in.)

**E1465-4 50 units/case**

**EDGE™ Coated Needle Extended Electrode**
- Insulated
- Non hex-locking
- Total Length: 10.16 cm (4 in.)
- Active Length: 5.1 mm (0.2 in.)
- Tip Radius: 0.787 mm (0.031 in.)

*Not compatible with footswitching pencils.*
Electrosurgical Electrodes, Single Use

**Edge™ Coated Electrodes**

- **E1465-6** 50 units/case
  - EDGE™ Coated Needle Extended Electrode
  - Insulated
  - Non hex-locking
  - Total Length: 16.51 cm (6.5 in.)
  - Active Length: 5.1 mm (0.2 in.)
  - Tip Radius: 0.787 mm (0.031 in.)
  - *Not compatible with footswitching pencils.*

- **E1475X** 50 units/case
  - EDGE™ Coated Blade 0.25 in. Extended Electrode
  - For use with AccuVac™ smoke evacuation attachment is added to electrosurgical pencils
  - Hex-locking
  - Total Length: 6.99 cm (2.75 in.)
  - Active Length: 2.8 cm (1.1 in.)

**Tungsten Microsurgical Needle Electrodes**

- **E1650** 10 units/case
  - Straight Microsurgical Needle
  - Insulated
  - 2 cm (0.8 in.) total length

- **E1651** 10 units/case
  - Straight Microsurgical Needle
  - Insulated
  - 3 cm (1.2 in.) total length

- **E1652** 10 units/case
  - Microsurgical Needle
  - Insulated
  - 3 cm (1.2 in.) total length
  - 45 degree angle, 3 mm (0.118 in.) from tip
**Electrosurgical Electrodes, Single Use**

**Tungsten Microsurgical Needle Electrodes**

- **E1653** 10 units/case
  - **Microsurgical Needle**
    - Insulated
    - 3 cm (1.2 in.) total length
    - 45 degree angle, 1 cm (0.4 in.) from tip

**E1654B** 10 units/case
- **Microsurgical Needle With Safety Sleeve™**
  - Safety Sleeve™
  - Insulated
  - 9 cm (3.5 in.) total length
* Not compatible with footswitching pencils.

**Electrosurgical Electrodes, Single Use**

**Stainless Steel Electrodes**

- **E15501** 50 units/case
  - **Stainless Steel Ball Electrode**
    - Non hex-locking
    - Diameter: 5 mm (3/16 in.)
    - Total Length: 5.33 cm (2.1 in.)
    - Active Length: 1 cm (0.4 in.)

- **E1551G1** 50 units/case
  - **Stainless Steel Blade Electrode**
    - Non hex-locking
    - Total Length: 6.99 cm (2.75 in.)
    - Active Length: 2.8 cm (1.1 in.)

- **E1551X1** 50 units/case
  - **Stainless Steel Blade Electrode**
    - Hex-locking
    - Total Length: 6.2 cm (2.44 in.)
    - Active Length: 2.54 cm (1 in.)
Electrosurgical Electrodes, Single Use

Stainless Steel Electrodes

**E1551-6** 50 units/case

*Stainless Steel Extended Blade Electrode*
- Non hex-locking
- Total Length: 16.51 cm (6.5 in.)
- Active Length: 2.54 cm (1 in.)

**E15521** 50 units/case

*Stainless Steel Needle Electrode*
- Total Length: 7.2 cm (2.84 in.)
- Active Length: 2.8 cm (1.1 in.)
- Tip Radius: 0.762 mm (0.030 in.)

**E1552-6** 50 units/case

*Stainless Steel Extended Needle Electrode*
- Total Length: 16.51 cm (6.5 in.)
- Active Length: 2.54 cm (1 in.)
- Tip Radius: 0.762 mm (0.030 in.)

**E2401** 100 units/case

*LectroBrasive™ Tip Cleaner*
- X-ray detectable
- For use with stainless steel electrodes
Electrosurgical Electrodes, Single Use

Solid Laparoscopic Electrodes

Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

E2770-28  10 units/case

Straight Spatula Tip
- Fits 5 mm cannulas
- Total Length: 28 cm (11 in.)

E2771-28  10 units/case

Curved Spatula Tip
- Fits 5 mm cannulas
- Total Length: 28 cm (11 in.)

E2772-28  10 units/case

Wire J Hook Tip
- Fits 5 mm cannulas
- Total Length: 28 cm (11 in.)

E2773-28  10 units/case

Wire L Hook Tip
- Fits 5 mm cannulas
- Total Length: 28 cm (11 in.)

E2774-28  10 units/case

Flat L Hook Tip
- Fits 5 mm cannulas
- Total Length: 28 cm (11 in.)

E2401  100 units/case

LectroBrasive™ Tip Cleaner
- X-ray detectable
- For use with stainless steel electrodes
Electrosurgical Electrodes, Single Use

**LLETZ Electrodes**

Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

**E1559**

Tungsten Loop

- 10 mm x 10 mm
- 13 cm (5 in.) length

**E1560**

Tungsten Loop

- 15 mm x 12 mm
- 13 cm (5 in.) length

**E1559**

Tungsten Loop

- 20 mm x 10 mm
- 13 cm (5 in.) length

**E1560**

Tungsten Loop

- 15 mm x 12 mm
- 13 cm (5 in.) length

**E1560**

Tungsten Loop

- 20 mm x 12 mm
- 13 cm (5 in.) length

**E1562**

Tungsten Loop

- 20 mm x 15 mm
- 13 cm (5 in.) length

**E1563**

Stainless Steel Ball

- 3 mm diameter
- 13 cm (5 in.) length

**E1564**

Stainless Steel Ball

- 5 mm diameter
- 13 cm (5 in.) length
Electrosurgical Electrodes, Single Use

**LLETZ Electrodes**

**E1565**
10 units/case

*Tungsten Square Loop*
- 5 mm x 5 mm
- 13 cm (5 in.) length

**E1567**
10 units/case

*Tungsten Square Loop*
- 10 mm x 8 mm
- 13 cm (5 in.) length

**Electrosurgical Electrodes, Single Use**

**Arthroscopic Electrodes**

Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

**E1510**
10 units/case

*Arthroscopic Right Angle Hook Electrode*
- Insulated
- Stainless steel
- Total Length: 21.6 cm (8.5 in.)
- Active Length: 0.19 cm (0.075 in.)

**E1511**
10 units/case

*Arthroscopic 45 ° Angle Hook Electrode*
- Insulated
- Stainless steel
- Total Length: 21.6 cm (8.5 in.)
- Active Length: 0.19 cm (0.075 in.)
**Electrosurgical Electrodes, Single Use**

**Arthroscopic Electrodes**

- E1512 10 units/case
  - **Arthroscopic Angled Blade Electrode**
    - Insulated
    - Stainless steel
    - Total Length: 21.6 cm (8.5 in.)
    - Active Length: 0.19 cm (0.075 in.)

- E1513 10 units/case
  - **Arthroscopic Angled Blade Electrode**
    - Non-Insulated
    - Stainless steel
    - Total Length: 21.6 cm (8.5 in.)
    - Active Length: 0.7 cm (0.275 in.)

**Electrosurgical Electrodes, Single Use**

**Electrode Extensions, Reusable**

- Nonsterile – steam/EtO sterilizable.
  - Standard 2.4 mm (3/32 in.) shaft

- E1502 1 each
  - **Straight Electrode Extension**
    - Total Length: 13 cm (5.1 in.)
    - Active Length: 10.2 cm (4 in.)

- E1504 1 each
  - **Straight Electrode Extension**
    - Total Length: 34.3 cm (13.5 in.)
    - Active Length: 31.5 cm (12.4 in.)
Electrosurgical Electrodes, Reusable

Stainless Steel Electrodes

Nonsterile – steam/EtO sterilizable.
Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

E1000
Stainless Steel Ball Electrode
• Diameter: 3.2 mm (1/8 in.)
• Total Length: 5.33 cm (2.1 in.)
• Active Length: 1 cm (0.4 in.)

E1002
Stainless Steel Ball Electrode
• Diameter: 5.6 mm (7/32 in.)
• Total Length: 5.1 cm (2 in.)
• Active Length: 5.6 mm (0.22 in.)

E1003
Stainless Steel Fine Needle Electrode
• Diameter: 5.1 mm (1/64 in.)
• Total Length: 6.6 cm (2.6 in.)
• Active Length: 2.54 cm (1 in.)

E1005
Tungsten Wire Loop Electrode
• Diameter: 9.5 mm (3/8 in.)
• Total Length: 5 cm (2 in.)
• Active Length: 0.95 cm (0.38 in.)
Electrosurgical Electrodes, Reusable

Stainless Steel Electrodes

**E1020**
- Blade Electrode
- Hex-locking
- Total Length: 7 cm (2.75 in.)
- Active Length: 2.8 cm (1.1 in.)

**E2401**
- LectroBrasive™ Tip Cleaner
  - X-ray detectable
  - For use with stainless steel electrodes

Electrode Extensions, Reusable

**E1502**
- Straight Electrode Extension
  - Total Length: 13 cm (5.1 in.)
  - Active Length: 10.2 cm (4 in.)

**E1504**
- Straight Electrode Extension
  - Total Length: 34.3 cm (13.5 in.)
  - Active Length: 31.5 cm (12.4 in.)
Electrosurgery

Bipolar Forceps
Reusable – Nonsterile

Use with E0509 or E0512 single use cords or with Q12401 reusable cord.

### Scoville-Greenwood Bayonet Forceps
- Insulated
- Footswitching
- Total Length: 19.7 cm (7.75 in.)
- Tip: 1.5 mm

### Cushing Forceps
- Insulated
- Footswitching
- Total Length: 15.2 cm (6 in.)
- Tip: 0.7 mm

### Cushing Bayonet Forceps
- Insulated
- Footswitching
- Total Length: 19.1 cm (7.5 in.)
- Tip: 2.0 mm

---

E4051-CT 1 each
Scoville-Greenwood Bayonet Forceps

E4052-CT 1 each
Cushing Forceps

E4053-CT 1 each
Cushing Forceps

E4054-CT 1 each
Cushing Bayonet Forceps
Bipolar Forceps
Reusable – Nonsterile

**Electrosurgery**

- **Bipolar Forceps**
  - **Jewelers Forceps, Straight Tip**
    - Insulated
    - Footswitching
    - Total Length: 10.2 cm (4 in.)
    - Tip: 0.4 mm
  - **Gerald Bayonet Forceps**
    - Insulated
    - Footswitching
    - Total Length: 19.1 cm (7.5 in.)
    - Tip: 0.7 mm
  - **Cushing Bayonet Forceps**
    - Insulated
    - Footswitching
    - Total Length: 19.1 cm (7.5 in.)
    - Tip: 0.7 mm
  - **Hardy Bayonet Forceps with Stops**
    - Insulated
    - Footswitching
    - Total Length: 20.9 cm (8.25 in.)
    - Tip: 0.5 mm
Electrosurgery

Bipolar Forceps
Reusable – Nonsterile

- **Semkin Forceps with Stops**
  - Insulated
  - Footswitching
  - Total Length: 14 cm (5.5 in.)
  - Tip: 0.5 mm

  

- **Curved Iris Forceps**
  - Insulated
  - Footswitching
  - Total Length: 8.9 cm (3.5 in.)
  - Tip: 0.5 mm

- **Coaptation Forceps**
  - Insulated
  - Footswitching
  - Total Length: 10.8 cm (4.25 in.)
  - Tip: 0.5 mm

- **Titanium Bayonet Forceps Straight**
  - Insulated
  - Footswitching
  - Total Length: 22.2 cm (8.75 in.)
  - Tip: 1.0 mm

E4060-CT 1 each
E4062-CT 1 each
E4063-CT 1 each
E4073-CT 1 each
Bipolar Forceps
Reversible – Nonsterile

E0509 50 units/case
Footswitching Bipolar Forceps Cord, Single Use
- Sterile
- Standard dual pin connector
- Accepts standard bipolar forceps
- 3.6 m (12 ft)

E0512 50 units/case
Footswitching Bipolar Forceps Cord, Single Use
Note: For use with Valleylab™ generators only.
- Sterile
- Molded plug
- Accepts standard bipolar forceps
- 3.6 m (12 ft)

QI2401 1 each
Footswitching Bipolar Forceps Cord, Reusable
- Steam/EtO sterilizable
- Standard dual pin connector
- 3 m (10 ft)

VLCM 1 each
Bipolar Current Monitor
For use with Force FX™ series generators or LigaSure™ vessel sealing system.
Latex Free. All Valleylab products are latex free.

**DB** 15 ft cord

**E7506** 50 units/case

*Standard Adult PolyHesive™ Patient Return Electrode*

- 2.7 m (9 ft) cord

**E7507DB** 50 units/case

*Adult REM PolyHesive™ II Patient Return Electrode*

- For patient > 30 lbs (> 13.6 kg)
- 4.6 m (15 ft) cord

**E7508** 100 units/case

*Individually Packaged Adult REM PolyHesive™ II Patient Return Electrode*

- For patient > 30 lbs (> 13.6 kg)
- Requires E0560 reusable cord
Patient Return Electrodes

**Single Use**

**E7509**
- 50 units/case
- 5 per package
- 10 ReSealable packages per case

**Adult REM PolyHesive™ II Patient Return Electrode**
- For patient > 30 lbs (> 13.6 kg)
- Requires E0560 reusable cord

**E7509B**
- 600 units/case
- 50 per package
- 12 packages per case

**Adult REM PolyHesive™ II Patient Return Electrode**
- For patient > 30 lbs (> 13.6 kg)
- Requires E0560 reusable cord

**E7510-25**
- 25 units/case

**Infant REM PolyHesive™ II Patient Return Electrode**
- For patients 6 - 30 lbs (2.72 - 13.6 kg)
- 2.7 m (9 ft) cord

**E7510-25DB**
- 25 units/case

**Infant REM PolyHesive™ II Patient Return Electrode**
- For patients 6 - 30 lbs (2.72 - 13.6 kg)
- 4.6 m (15 ft) cord

**E7512**
- 12 units/case

**Neonatal REM PolyHesive™ II Patient Return Electrode**
- For patients < 6 lbs (< 2.72 kg)
- 2.7 m (9 ft) cord
**Patient Return Electrodes**

**Single Use**

**E0560**
1 each

**Patient Return Electrode Cord/Clamp, Reusable**
For use with E7508, E7509, and E7509-B patient return electrodes.

- Steam/EtO sterilizable
- Standard dual pin connector
- 4.6 m (15 ft) cord

**E0600**
1 each

**Patient Return Electrode Adapter**
For use with select Birtcher electrosurgical units with contact quality monitoring systems.

- REM™
- Connects REM PolyHesive™ II patient return electrodes to select Birtcher generators

---

**Patient Return Electrodes**

**Single Use**

**E0504-2**

**Non REM Patient Return Electrode Adapter**
Note: See Patient Return Electrode Adapter Quick Reference Index on page 43 for a list of compatible generators.

- Accepts standard adult PolyHesive™ Patient Return Electrode
Electrosurgical Accessories

Holster and Tip Cleaner

E2400 50 units/case
Electrosurgery Accessory Holster

E2401 100 units/case
LectroBrasive™ Tip Cleaner
  • X-ray detectable
  • For use with stainless steel electrodes

Electrosurgical Accessories

Cords

E0509 50 units/case
Footswitching Bipolar Forceps Cord, Single Use
  • Sterile
  • Standard dual pin connector
  • Accepts standard bipolar forceps
  • 3.6 m (12 ft)

E0510 50 units/case
Footswitching Monopolar Laparoscopic Cord, Single Use
  Requires E0502-1 active adapter.
  • Sterile
  • Accepts 4 mm male single pin connector
  • 3 m (10 ft)
Electrosurgery

Electrosurgical Accessories

Cords

E0512  50 units/case
Footswitching Bipolar Forceps Cord, Single Use
Note: For use with Valleylab™ generators only.
- Sterile
- Molded plug
- Accepts standard bipolar forceps
- 3.6 m (12 ft)

E2999  1 each
Footswitching Monopolar Laparoscopic Cord, Reusable
- Steam/EtO sterilizable
- Accepts 4 mm male single pin connector
- 3 m (10 ft)

QI2301  1 each
Footswitching Bipolar Cord, Reusable
Connects Wolf bipolar instruments to Valleylab generators.
- Steam/EtO sterilizable
- 3 m (10 ft)

QI2401  1 each
Footswitching Bipolar Forceps Cord, Reusable
- Steam/EtO sterilizable
- Standard dual pin connector
- 3 m (10 ft)
Electrosurgical Accessories

Cords

**E0560** 1 each
**Patient Return Electrode Cord/Clamp, Reusable**
For use with E7508, E7509, and E7509-B patient return electrodes.

- Steam/EtO sterilizable
- Standard dual pin connector
- 4.6 m (15 ft) cord

Electrosurgical Accessories

Active and Specialty Adapters

**E0502-1** 1 each
**Monopolar Adapter**
- Interfaces with most (and all Valleylab) electrosurgical generators for footswitching adaptation
- Accepts standard active accessory cord pin connectors up to 3.2 mm

**E0017** 1 each
**Universal Monopolar Adapter**
- Interfaces with most (and all Valleylab) electrosurgical generators for footswitching adaptation
- Accepts most standard active accessory cords up to 6 mm
Electrosurgical Accessories

Active and Specialty Adapters

**E0507B**  
1 each

**Multiple Return/S Cord Adapter**
- For use with all Valleylab REM™-equipped generators
- Enables use of two patient return electrodes or an S-cord

**E0504-2**  
1 each

**Non REM Patient Return Electrode Adapter**
*Note: See Patient Return Electrode Adapter Quick Reference Index on page 43 for a list of compatible generators.*

- Accepts E7506 Standard Patient Return Electrodes
- 12.7 cm (5 in.)

**E0600**  
1 each

**Patient Return Electrode Adapter**
- For use with Birtcher electrosurgical units with contact quality monitoring systems
- Connects REM PolyHesive™ II patient return

**E0520**  
10 units/case

**Valleylab Trigger™ Switch and Cord, Single Use**
Converts most monopolar foot activated laparoscopic and thorascopic instruments to hand activation.
- Sterile
- Electrodes to select Birtcher generators
### Monopolar Cord Quick Reference Index

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<th>Length/Reusable</th>
<th>Quantity</th>
<th>Comments</th>
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<td>3 m (10 ft)/Reusable – Steam/EtO</td>
<td>1 each</td>
<td>Accepts standard 4 mm pin connector</td>
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<td>E0510</td>
<td>Footswitching Laparoscopic Cord</td>
<td>3 m (10 ft)/Single Use</td>
<td>50 cases/units</td>
<td>Accepts standard 4 mm pin connector Requires the use of E0502-1 active adapter</td>
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<td>E0503</td>
<td>Footswitching Monopolar Cord (for ACMI Resectoscopes)</td>
<td>3 m (10 ft)/Single Use</td>
<td>50 cases/units</td>
<td>Accepts standard 4 mm pin connector Pediatric and Bugbee Requires the use of E0502-1 active adapter</td>
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### Bipolar Cord Quick Reference Index

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<th>Product</th>
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<td>Standard twin pin plug Accepts standard bipolar forceps</td>
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<td>E0512</td>
<td>Footswitching Forceps Cord (with Molded Plug)</td>
<td>3.6 m (12 ft)/Single Use</td>
<td>50 cases/units</td>
<td>3-pin molded plug fits Valleylab units Accepts standard bipolar forceps</td>
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<td>Footswitching Forceps Cord (Wolf to Valleylab)</td>
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<td>1 each</td>
<td>Standard twin pin plug Accepts Wolf instruments to Valleylab generators</td>
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<td>QI2401</td>
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# E0504-2 Non REM Patient Return Electrode Adapter Quick Reference Index

## Generator

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</table>
Laparoscopic Instruments

Single Use – Sterile

Retractable
Aspiration

Multi-Function Handset and Electrodes

E2750 10 units/case

Opti4™ Laparoscopic Handset
Laparoscopic suction/irrigation device with cut and coag.

• Accepts Opti4™ retractable and nonretractable electrodes only
• Straight handle
• 3 m (10 ft) cord

Laparoscopic Instruments

Opti4™ Retractable Hollow Laparoscopic Electrodes

E2781R-28ASP* 10 units/case

Curved Spatula Tip
• Fits 5 mm cannulas
• Aspiration holes
• Total length: 28 cm (11 in.)

* Use with Opti4™ E2750 handset only.

E2782R-28ASP* 10 units/case

Wire J Hook Tip
• Fits 5 mm cannulas
• Aspiration holes
• Length: 28 cm (11 in.)

* Use with Opti4™ E2750 handset only.
Laparoscopic Instruments
Opti4™ Retractable Hollow Laparoscopic Electrodes

**E2783R-28ASP**
- **Wire L Hook Tip**
  - Fits 5 mm cannulas
  - Aspiration holes
  - Total length: 28 cm (11 in.)
  
  *Use with Opti4™ E2750 handset only.*

E2783R-28ASP 10 units/case

**E2783R-36ASP**
- **Wire L Hook Tip**
  - Fits 5 mm cannulas
  - Aspiration holes
  - Total length: 36 cm (14 in.)
  
  *Use with Opti4™ E2750 handset only.*

E2783R-36ASP 10 units/case

**E2784R-28ASP**
- **Flat L Hook Tip**
  - Fits 5 mm cannulas
  - Aspiration holes
  - Total length: 28 cm (11 in.)
  
  *Use with Opti4™ E2750 handsets only.*

E2784R-28ASP 10 units/case

**E2780-28**
- **Straight Spatula Tip**
  - Fits 5 mm cannulas
  - Total length: 28 cm (11 in.)
  
  *Use with Opti4™ E2750 handsets only.*

E2780-28 10 units/case
Laparoscopic Instruments

Opti4™ Retractable Hollow Laparoscopic Electrodes

E2781-28*  10 units/case

Curved Spatula Tip
Fits 5 mm cannulas

• Total length: 28 cm (11 in.)
  * Use with Opti4™ E2750 handsets only.

E2782-28*  10 units/case

Wire J Hook Tip
Fits 5 mm cannulas

• Total length: 28 cm (11 in.)
  * Use with Opti4™ E2750 handsets only.

E2783-28*  10 units/case

Wire L Hook Tip
• Fits 5 mm cannulas

• Total length: 28 cm (11 in.)
  * Use with Opti4™ E2750 handsets only.

E2784-28*  10 units/case

Flat L Hook Tip
• Fits 5 mm cannulas

• Total length: 28 cm (11 in.)
  * Use with Opti4™ E2750 handsets only.
Laparoscopic Instruments

Opti4™ Retractable Hollow Laparoscopic Electrodes

E2786-28* 10 units/case
Cylindrical Tip
• Fits 5 mm cannulas
• Total length: 28 cm (11 in.)

* Use with Opti4™ E2750 handsets only.

E0520 10 units/case
Valleylab Trigger™ Switch and Cord, Single Use
Converts most monopolar foot activated laparoscopic and thorascopic instruments to hand activation.
• Sterile
• 12.7 cm (5 in.)

Laparoscopic Instruments

Solid Laparoscopic Electrodes
Single Use – Sterile

Standard 2.4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils.

E2770-28 10 units/case
Straight Spatula Tip
• Fits 5 mm cannulas
• Total length: 28 cm (11 in.)

E2771-28 10 units/case
Curved Spatula Tip
• Fits 5 mm cannulas
• Total length: 28 cm (11 in.)

E2772-28 10 units/case
Wire J Hook Tip
• Fits 5 mm cannulas
• Total length: 28 cm (11 in.)
**Solid Laparoscopic Electrodes**

*Single Use – Sterile*

- **E2773-28** 10 units/case
  - **Wire L Hook Tip**
    - Fits 5 mm cannulas
    - Total length: 28 cm (11 in.)

- **E2774-28** 10 units/case
  - **Flat L Hook Tip**
    - Fits 5 mm cannulas
    - Total length: 28 cm (11 in.)

**Argon-Enhanced Electrosurgery**

*Argon-Enhanced Electrosurgical System*

- **Force Argon II-20** 1 each
  - **Force Argon™ II Gas Delivery Unit**
    - Compatible with Force FX™ series and Force EZ™ series generators
    - Portable
    - Includes one gas regulator

- **Force FX-C** 1 each
  - **Force FX™ Electrosurgical Generator**
    - Designed for the most demanding surgical procedures. For use with the Force Argon™ II-20 system. Incorporates:
      - Instant Response™ technology
      - Adaptive REM™ system
      - Isolated output
      - Bipolar Current Monitor (VLCM) compatible
Argon-Enhanced Electrosurgery

Argon-Enhanced Electrosurgical System

Force EZ-C 1 each

Force EZ™ Electrosurgical Generator
Designed for most monopolar and bipolar procedures.

- Instant Response™ technology
- Adaptive REM™ system
- Isolated output

Argon-Enhanced Electrosurgery

Accessories

GT100 1 each

Argon Gas Tank

- G-size
- 42 cubic ft

GR200A-20 1 each

Gas Regulator

- For optional second argon tank hook-up

E0502-1 1 each

Monopolar Adapter

- For ArgonPlus™ handset
- Accepts standard active accessory cord connectors up to 3.2 mm
Argon-Enhanced Electrosurgery

Accessories

UC8009 1 each
Universal Mounting Cart
Compatible with all Valleylab Force series generators, the Force Argon™ II-20 system, and the OptiMumm™ smoke evacuation system.
- Rust resistant
- Conductive casters (2 locking, 2 non-locking)

UC8010 1 each
Overshelf for UC8009 Universal Mounting Cart
Ideal for a second electrosurgical generator, LigaSure™ vessel sealing system, OptiMumm™ smoke evacuation system, or Force Argon II™ system.

UC8015 1 each
Argon Gas Tank Kit for UC8009 Universal Mounting Cart

Argon-Enhanced Electrosurgery

Argon Handset Single Use – Sterile

E2520H 10 units/case
ArgonPlus™ Handset
For delivery of standard or argon-enhanced electrosurgery.
- Requires E0502-1 active adapter
- 2.5 cm (1 in.) retractable blade electrode
- 3.6 m (10 ft.) cord
- Holster
**Argon-Enhanced Electrosurgery**

**Argon Electrodes Single Use – Sterile**

- **E2530-3**
  - 10 units/case
  - Flexible Electrode
  - Coagulation only
  - 7.6 cm (3 in.) length

- **E2530-6**
  - 10 units/case
  - Flexible Electrode
  - Coagulation only
  - 15 cm (6 in.) length

- **E2530-28**
  - 10 units/case
  - Laparoscopic Flexible Electrode
  - Fits 5 mm cannulas
  - 28 cm (11 in.) length

**Argon-Enhanced Electrosurgery**

**Argon Electrodes**

- **E2580-28**
  - 10 units/case
  - Laparoscopic Blade Electrode
  - Fits 5 mm cannulas
  - 28 cm (11 in.) length

- **E2581-28**
  - 10 units/case
  - Laparoscopic Modified Flat L Electrode
  - Fits 5 mm cannulas
  - 28 cm (11 in.) length

- **E2582-28**
  - 10 units/case
  - Tungsten Laparoscopic Sharp Needle Electrode
  - Fits 5 mm cannulas
  - 28 cm (11 in.) length
### Argon-Enhanced Electrosurgery

**Argon Electrodes**

- **E2583-28**: 10 units/case  
  **Tungsten Laparoscopic Blunt Needle Electrode**  
  - Fits 5 mm cannulas  
  - 28 cm (11 in.) length

- **E2532**: 50 units/case  
  **Tungsten Sharp Needle Electrode**  
  - 2.5 cm (1 in.)

- **E2533**: 50 units/case  
  **Tungsten Blunt Needle Electrode**  
  - 2.5 cm (1 in.)

### Smoke Evacuation Products

**Smoke Evacuation System and Accessories**

- **OptiMumm** 1 each  
  **OptiMumm™ Smoke Evacuation Unit**  
  For use in electrosurgery and laser applications.  
  - Ultra-quiet  
  - Includes RapidVac™ system capability

- **E3600**: 1 each  
  **RapidVac™ System Sensor**  
  For use with any electrosurgical generator.  
  - Synchronizes OptiMumm™ system to electrosurgery system

- **E3605**: 1 each  
  **Interlink Cable**  
  Synchronizes OptiMumm™ system to Force FX™ series and Force EZ™-C electrosurgical generators.
Smoke Evacuation Products
Smoke Evacuation System and Accessories

E3615 1 each
OptiMumm™ Smoke Evacuation Footswitch
- 4.6 m (15 ft) cord

E3625 3 units/case
OptiMumm™ Smoke Evacuation Unit
ULPA Filter

UC8009 1 each
Universal Mounting Cart
Compatible with all Valleylab Force series generators, the Force Argon™ II-20 system, and the OptiMumm™ smoke evacuation system.
- Rust resistant
- Conductive casters (2 locking, 2 non-locking)

UC8013 1 each
Suspended Shelf for UC8009 Universal Mounting Cart
Ideal for OptiMumm™ smoke evacuation system.

Smoke Evacuation Tubing and Filters

E3630 25 units/case
OptiMumm™ Prefilter
- Nonsterile
- 3.4 cm (1-1/3 in.) diameter opening

E3635 12 units/case
Tubing with Sponge Guard
- Sterile
- 2.2 cm (7/8 in.) diameter
- 3 m (10 ft) length
- 3.4 cm (1-1/3 in.) diameter prefilter adapter
Smoke Evacuation Products
Smoke Evacuation Tubing and Filters

E3645 10 units/case
AccuVac™ Smoke Evacuation Attachment Tubing
• Sterile
• 1 cm (3/8 in.) diameter
• 3 m (10 ft) length
• 3.4 cm (1-1/3 in.) diameter prefilter adapter

E3650 5 units/case
Wand
• Sterile
• For laser use
• 2.2 cm (7/8 in.) diameter
• 20 cm (8 in.) length

E3655 25 units/case
Reducer Fitting
• Nonsterile
• 2.2 cm to 1 cm (7/8 in. to 3/8 in.) diameter

E3660 25 units/case
Prefilter Adapter Reducer
• Nonsterile
• 3.4 cm to 1 cm (1-1/3 in. to 3/8 in.) diameter

E3665 25 units/case
Prefilter Adapter Reducer
• Nonsterile
• 3.4 cm to 2.2 cm (1-1/3 in. to 7/8 in.) diameter
Smoke Evacuation Products

Smoke Evacuation Tubing and Filters

E3680 3 units/case

Fluid Canister Kit
- Nonsterile
- Includes canister lid and connector tubing

VTWT51 55 units/case

Tubing with Sponge Guard
- Sterile
- 3.4 cm (1-1/3 in.) diameter
- 3 m (10 ft) length

Smoke Evacuation Products

Smoke Evacuation Pencils and Attachments

E2350HS 25 units/case

Rocker Switch Pencil
- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

E2450HS 25 units/case

Button Switch Pencil
- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord
Smoke Evacuation Products

Smoke Evacuation Pencils and Attachments

**E2515HS** 25 units/case

**Rocker Switch Pencil**
- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

**E2516HS** 25 units/case

**Button Switch Pencil**
- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

**E3590** 25 units/case

**AccuVac™ Smoke Evacuation Attachment**
Accepts most Valleylab™ handswitching pencils
- Single use – sterile

**E3595** 10 units/case

**AccuVac™ Smoke Evacuation Attachment Extender**
Accepts Valleylab™ 16.51 cm (6.5 in.) extended electrodes
- Single use – sterile

**E3645** 10 units/case

**AccuVac™ Smoke Evacuation Attachment Tubing**
- Single use – sterile
- 1 cm (3/8 in.) diameter
- 3 m (10 ft) length
- 3.4 cm (1-1/3 in.) diameter prefilter adapter
RF Ablation

RF Ablation Generator

CTRF-117 1 each

Cool-tip™ RF System
Designed to deliver radiofrequency energy for large volume tissue ablation. Includes:

• 200 W
• RF generator
• System pump
• Electrode cable
• Grounding pad extension cable

CTSW-Control 1 each

Cool-tip™ RF Switching Controller
Enables physicians to deploy up to three electrodes simultaneously to ablate larger volumes of tissue or create multiple lesions in one ablation cycle.

Real-Time Graphics Software V2.00

RTG-SW-RV2.00 1 each

• Monitors and records the ablation process in real-time
• Charts procedural and patient information

RF Ablation ACCESSORIES

DGP-HP 20 units/case

Grounding Pad
• Single use
Cool-tip™ RF Electrode Kit, Single
ACT-1020ACT-1030ACT-1507
ACT-1510ACT-1520ACT-1530
ACT-2020ACT-2030ACT-2530

All kit items are single use. Includes:
• Electrode – single probe
• Inflow/outflow tubing
• Grounding pads – two each

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Cool-tip™ RF Electrode Kit, Cluster
CTC-1025CTC-1525CTC-2025

All kit items are single use. Includes:
• Electrode – cluster probe
• Cluster introducer
• Inflow/outflow tubing
• Grounding pads – four each

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RF Ablation Electrode Kits

**Cool-tip™ RF Switching Controller Electrode Kit**  
**SWCT-1530/SWCT-1540**  
**SWCT-2530/SWCT-2540**

- All kit items are single use. Includes:
  - Two or three electrodes
  - 2 cm spacing guide
  - Inflow/outflow tubing
  - Grounding pads - four each

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<td>SWCT-2540</td>
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<td>4.0 cm</td>
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RF Pain Management

RF Pain Generator

**RFG3CPLUS**  
1 each

**RFG-3CTM Plus RF Lesion Generator**  
Designed to meet RF pain management needs. Includes:

- RF generator
- External Temperature Monitor

**RFGFS**  
1 each

**Footswitch**  
Compatible with the RFG-3CTM Plus lesion generator.

**DGPPMB**  
25 units/box

**Grounding Pad**

- Single use
### Hardware Accessories

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<tr>
<td>C112TCL</td>
<td>1 each Thermocouple Cable</td>
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<tr>
<td>RFKCaseP</td>
<td>1 each Sterilizer Case</td>
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<td>For use with RFK and PE electrodes.</td>
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### RFK Electrodes and Accessories

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<td>• RFKTC10 thermocouple electrode</td>
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<tr>
<td>RFK15</td>
<td>1 each Electrode Kit</td>
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<td></td>
<td>• RFKTC15 thermocouple electrode</td>
</tr>
<tr>
<td></td>
<td>• C112TCL thermocouple cable</td>
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<tr>
<td></td>
<td>• Sterilizer case</td>
</tr>
<tr>
<td>RFKTC10</td>
<td>1 each Thermocouple Electrode</td>
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<tr>
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<td>• For use with RFKCI0 type cannulas.</td>
</tr>
<tr>
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<td>• Blue cord</td>
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</table>
RFK Electrodes and Accessories

**RFKTC15**

1 each

**Thermocouple Electrode**

For use with RFKC15 type cannulas.

- Yellow cord

**RFKC10DS**

10 units/box

**Sharp Curved Cannula**

- Single use
- 10 cm
- 20 gauge
- 10 mm active tip

**RFKC15DS**

10 units/box

**Sharp Curved Cannula**

- Single use
- 15 cm
- 20 gauge
- 10 mm active tip

**RFKC10DB**

10 units/box

**Blunt Curved Cannula**

- Single use
- 10 cm
- 20 gauge
- 10 mm active tip

**RFKC15DB**

10 units/box

**Blunt Curved Cannula**

- Single use
- 15 cm
- 20 gauge
- 10 mm active tip
PK and PE Electrodes and Accessories

**PK05**
Electrode Kit
Includes:
- PE05 thermocouple electrode
- C112TC thermocouple cable
- Sterilizer case

**PK10**
Electrode Kit
Includes:
- PE10 thermocouple electrode
- C112TC thermocouple cable
- Sterilizer case

**PK15**
Electrode Kit
Includes:
- PE15 thermocouple electrode
- C112TC thermocouple cable
- Sterilizer case

**PK and PE Electrodes and Accessories**

**PK05**
Thermocouple Electrode
For use with CS0504 cannula.
- White cable

**PK10**
Thermocouple Electrode
For use with CS1005 and CS1010 cannulas.
- Blue cable
PK and PE Electrodes and Accessories

**PE15**  
1 each

**Thermocouple Electrode**
- For use with CS1505 and CS1510 cannulas.
- Can be used with the discrode™ RF catheter electrode system
- Yellow cable

**CS1005**  
10 units/box

**Sharp Cannula**
- Single use
- 10 cm
- 22 gauge
- 5 mm active tip

---

**CS0504**  
10 units/box

**Sharp Cannula**
- Single use
- 5 cm
- 22 gauge
- 4 mm active tip

---

**CS1010**  
10 units/box

**Sharp Cannula**
- Single use
- 10 cm
- 22 gauge
- 10 mm active tip
PK and PE Electrodes and Accessories

**CS1505**  
10 units/box  
**Sharp Cannula**  
• Single use  
• 15 cm  
• 20 gauge  
• 5 mm active tip

**CS1510**  
10 units/box  
**Sharp Cannula**  
• Single use  
• 15 cm  
• 20 gauge  
• 10 mm active tip

**C112TCL**  
1 each  
**Thermocouple Cable**

Disctrode™ RF Catheter Electrode System

**FKDISCTRODE**  
1 each  
**disctrode™ RF Catheter Electrode**  
Designed for use with the RFG-3CTM Plus RF lesion generator.

**FKINTRODUCER**  
5 units/box  
**disctrode™ RF Cannula Introducer**

**TCA2**  
1 each  
**External Temperature Monitor**
Surgeon and Accredited Nursing Programs
Visit www.valleylabeducation.org for more information.

The Art and Science of Electrosurgery Principles, Applications, and Risks
This program presents the principles of electrosurgery, to provide for its safe and effective use. It is also appropriate for nursing professionals and RNFAs. Topics covered may include:

- Basic electricity
- Principles of electrosurgery
- Clinical applications
- Tissue effects
- Technological advances
- Recommended practices
- Considerations for minimally invasive surgery
- Hazards of surgical smoke
- Fire safety during electrosurgery
- Alternate energy sources
- Energy based vessel ligation

Contact Hours Vary

Electrosurgery Self-Study Guide
This booklet provides a self-study program for both physicians and nurses. It reviews the basics of electricity, principles and clinical applications of electrosurgery, electrosurgical generator technologies, and safe practices related to electrosurgery.

This self-study guide emphasizes that positive patient outcomes can be successfully achieved through good medical and nursing practice combined with careful documentation. Also available online at www.valleylabeducation.org as the Electrosurgery Continuing Education Module.

2 Contact Hours

Fire Prevention and Safety during Surgical Procedures
This program has an in-depth discussion of the components of the fire triangle, strategies to prepare for and manage fires in the practice setting, and specific interventions for surgical team members. Also available online at www.valleylabeducation.org

1 Contact Hour

Innovations in Electrosurgery: High Force Controlled Radiofrequency Vessel Fusion
This offering reviews current vessel ligation options for surgical procedures including
high force controlled radio-frequency vessel ligation technology. Procedural studies are discussed.

1 Contact Hour

**Accredited Nursing Programs**
Visit www.valleylebeducation.org for more information.

**Best Practices for Electrosurgery**
This program reviews current best practices to achieve favorable patient outcomes related to electrosurgery. It covers basic principles and applications, as well as potential adverse outcomes.

1 or 2 Contact Hours

**Electrosurgery Best Practices for Minimally Invasive Procedures**
This program addresses safety concerns specific to the use of electrosurgery in minimally invasive surgical procedures and recommendations to reduce the associated risks.

1 Contact Hour

**Recommended Practices for Electrosurgery**
This offering covers principles of electrosurgery and electrosurgical technologies. Recommended practices to avoid patient injury are discussed.

1 Contact Hour

**Surgical Smoke: Hazards and Controls**
This course covers the components of surgical smoke, potential staff and patient hazards, and current recommendations on smoke evacuation.

1 Contact Hour

**Zap Facts**
This is a half-day program covering principles and applications of electrosurgery, electrosurgical technologies and innovations, potential risks and adverse outcomes, best practices to achieve positive patient outcomes with the related nursing diagnoses, and legal considerations during the use of electrosurgery.

4.5 Contact Hours
Training Booklet
Visit www.valleylelabeduction.org for more information.

Principles of Electrosurgery
This booklet reviews the principles and applications of electrosurgery and other radiofrequency energy devices. It is appropriate training material for the surgical and support staff.

No Contact Hours
Note: Also available online at www.valleylelabeduction.org.

User’s Guides, Service Manuals, Inservice Videos

User’s Guides
• Cool-tip™
• ForceTriad™
• Force FX™-C
• Force EZ™-C
• Force™ 2
• Force™ 1C
• Force Argon™ II-20
• LigaSure™
• OptiMumm™
• RFG-3C™ Plus
• SurgiStat™ II
User’s Guides, Service Manuals, Inservice Videos

Service Manuals

• Cool-tip™
• ForceTriad™
• Force FX™-C
• Force EZ™-C
• Force™ 2
• Force™ 1C
• Force Argon™ II-20
• LigaSure™
• OptiMumm™
• SurgiStat™ II
• RFG-3C™ Plus

User’s Guides, Service Manuals, Inservice Videos

Inservice Videos

• ForceTriad™
• Force FX™-C
• LigaSure™
• Force Argon™ II
• Force™ 2
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