



# TRIONARA

*Innovative Caring*



**SurgiLife**  
ElectroSurgical Unit

## ALL IN ONE

ESU + VESSEL SEALING SYSTEM + ARGON PLASMA COAGULATION

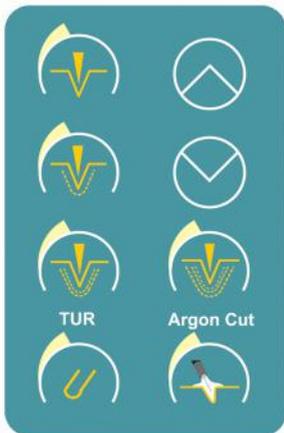
The line of HF Electrosurgical Units (ESU) equipped with Argon Plasma Coagulation and Vessel Sealing System is designed as a state-of-the-art product to meet the needs of modern surgery.

The variety of available operating modes enables versatile applications for Open surgery and MIS (Minimally Invasive Surgery) include Gastroenterology, Transplantation, ENT, Urology, Bronchoscopy, Orthopedic, Cardiac Surgery, Plastic Surgery, Colon-proctology, Oncology and other Laparoscopic surgeries.

# SURGILIFE-IS410

## FEATURES:

- . Argon Plasma Coagulation (Continuous Output)
- . Argon Plasma Coagulation (Pulsed Output)
- . Argon Cut
- . Bipolar Cut
- . Bipolar Coagulation (Auto-Start Bipolar & Manual Bipolar)
- . Monopolar Cut (Pure)
- . Monopolar Cut (Blend1)
- . Monopolar Cut (Blend2)
- . Monopolar Cut (Blend3)
- . Monopolar Coagulation (Swift)
- . Monopolar Coagulation (Forced)
- . Monopolar Coagulation (Spray)
- . Monopolar Coagulation (Soft)
- . TUR Mode



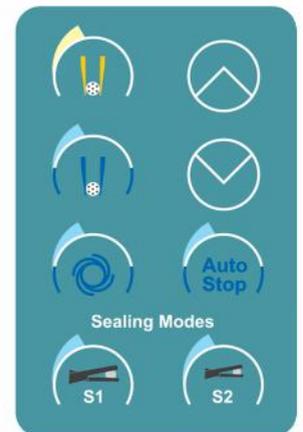
- . Automatic Self Checking (Spotting the system's internal problems)
- . Permanent HF Electrosurgical Leakage current monitoring
- . Auto Stop Mode for Optimum tissue Coagulation (Preventing tissue Carbonization)
- . Permits two surgeons to coagulate at the same time independently in Spray Mode
- . Possibility of connecting independent Monopolar & Bipolar foot switches
- . 75 Programmable memory locations
- . **Special capability for IVF Surgery**

Main Voltage: 220Vac  $\pm$  10%, 50Hz or 110Vac  $\pm$  10%, 50~60Hz  
Maximum Power Consumption: 800V.A  
Protection Class: Class I  
Type of Output: CF  
Weight: 8 kg  
Dimensions (W.H.D): 40 x 17 x 44 cm

# SURGILIFE-IS410S

## FEATURES:

- . Argon Plasma Coagulation ( Continuous Output ) Argon Plasma Coagulation ( Pulsed Out put )
- . Argon Cut
- . Sealing ( Seal1) – Permanent sealing up to 7mm
- . Vessel Sealing ( Seal 2)– Permanent sealing up to 7mm
- . Bipolar Cut
- . Bipolar Coagulation ( Auto-Start Bipolar & Manual Bipolar )
- . Monopolar Cut (Pure)
- . Monopolar Cut (Blend1)
- . Monopolar Cut (Blend2)
- . Monopolar Cut (Blend3)
- . Monopolar Coagulation (Swift)
- . Monopolar Coagulation (Forced)
- . Monopolar Coagulation (Spray)
- . Monopolar Coagulation (Soft)
- . TUR Mode



- . Automatic Self Checking (Spotting the system's internal problems)
- . Permanent HF Leakage current monitoring
- . Auto Stop Mode for Optimum tissue Coagulation (Preventing tissue Carbonization)
- . Utilizing a microprocessor system to control the current in vessel sealing, based on measuring the impedance of the tissue
- . Permits two surgeons to coagulate at the same time independently in Spray Mode
- . Possibility of Connecting both Monopolar & Bipolar foot switches independently
- . 75 Programmable memory locations
- . Special capability for IVF Surgery

Main Voltage: 220Vac  $\pm$  10%, 50Hz or 110Vac  $\pm$  10%, 50~60Hz  
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# Argon plasma supplier

## Advantages of argon plasma

- . Faster and more efficient coagulation
- . Less tissue damage
- . Flexible eschar creation on tissue surface
- . Limited coagulation depth to approximately 3 mm, resulting in minimum perforation risk
- . Uniform wide-area coagulation
- . Less smoke , no unpleasant odors
- . Less risks of infection
- . Non-contact coagulation, no adhesion between tissue and applicator
- . Highly efficient for bones , cartilage, ligaments and external membranes of organs



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