



Electrosurgical Generator **ELPIS-4/3/2**



Excellent features of the ELPIS-4/3/2 Electrosurgical Generator

● ● Flexibility & Reliability

- Much more efficient than low frequency, produces less heat, not to mention sparkle, resulting in less burned tissue.
- Fast healing with excellent results.
- Provides smooth cuts with optimal performance on adipose tissues.

● ● Safety & Convenience

- Elpis-4/3/2 provides safe and convenient device control to meet all your surgical needs in an operation room.
- By pressing 2 buttons(or more) will shut down the power for safety precautions.

Various Cutting, Coagulation and Bipolar Modes The modalities required to perform an operation as Functional Cutting(Pure Cut, Blend1, Blend2, Blend3), Coagulation(Soft, Forced, Spray), Bipolar Coagulation(Soft, Forced) are available in optimized wave form of RF mode to achieve the desired surgical effect.

REM System Elpis-4/3/2 automatically monitors the attachment of the patient plate to check adequate connection with the patient. An alarm will sound and output power is stopped for safety.

Electrosurgical Generator

ELPIS-4/3/2



Functions & Performances

Pure Cutting and Powerful Coagulation Elpis-4/3/2 offers the performance of smooth and Powerful coagulation according to your surgical needs with pure cutting absence of spark and Carbonization that exists in other electrosurgical devices.

Spray Coagulation Function With the Spray Coagulation Function Elpis-4/3/2 provides, a faster coagulation and stable clinical result can be achieved. Operation time is saved with faster hemostasis and coagulation.

Overview

Risk of neuromuscular stimulation and damage to tissue is minimized
From improved performance at lower power settings.

Audible and visual alarms, including REM system for patient and user safety.

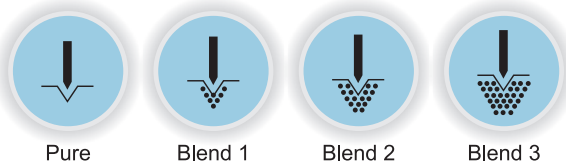
Operation of Cutting, Monopolar, Coagulation and Bipolar Coagulation can be distinctively recognized by sound and indication lamp to distinguish an operation type.

Easy operation, cost effective system, offering variety of choices of modes for most applications.

Last operating condition can be recalled when turned back on.

The input power frequency 50Hz/60Hz can be adjusted.

► Monopolar Cut



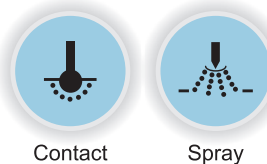
Pure

Blend 1

Blend 2

Blend 3

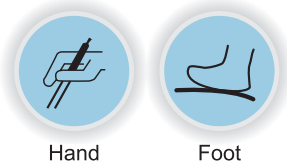
► Monopolar Coagulation



Contact

Spray

► Bipolar Coagulation



Hand

Foot

Specification

Input Power	220~240 VAC (50Hz or 60Hz)
Power Consumption	-4 1000 VA +/- 10% -3 950 VA +/- 10% -2 800 VA +/- 10%
Protection Class	Class1, Type BF
Output Power and Frequency	Monopolar Cut (200Ω) Pure : 400W, 300W, 200W (400 kHz) Blend 1 : 250W, 230W, 150W (400 kHz) Blend 2 : 200W, 180W, 120W (400 kHz) Blend 3 : 150W, 120W, 100W (400 kHz) Monopolar Coag. (200Ω) Contact : 120W, 100W, 100W (400 kHz) Spray : 100W, 80W, 80W (400 kHz) Bipolar Coag. (100Ω) Soft : 100W, 80W, 80W (470 kHz)
Weight	20 kg
Dimensions	325 x 411 x 137 (mm ³)
Cooling	1 Inner Fan

Standard Accessories

Twin Button Handle	Bipolar Forceps (Bayonet 17.8cm)	Electrode Tips
Disposable Return Plate	Bipolar Cable	Monopolar Handle
Double Foot Switch	Single Foot Switch	Optional: Silicon Rubber Plate & Cable