

ELBNOVA

Precision when it matters



Elbnova HF Electrosurgical Unit

■ Precise Cutting & Coagulation

www.elbnova.com



General Description

The EHF-80 is designed for precise cutting and coagulation of biological tissue in surgical procedures. The system operates with high-frequency electrical energy and supports monopolar and bipolar techniques. Programmable functions including activation time limits, error handling, and audible feedback support controlled operation. Automatic HF voltage control ensures consistent and repeatable performance across different operating modes while supporting predictable energy delivery.

Key Benefits

- Automatic HF voltage control for consistent cutting performance
- Monopolar and bipolar operation in one compact unit
- Supports single-plate and dual-plate operation
- Adjustable power limitation for tissue protection
- Dedicated output error indication on the front panel to show device faults

Clinical Applications

General Surgery, Orthopedics, Neurosurgery, Gynecology, ENT / Otorhinolaryngology, Minimally Invasive Procedures, Emergency and Operating Room Use, and more.

Technical Specifications

Operating modes	Monopolar (Pure Cut / Blend / Soft / Forced), Bipolar Coagulation
HF frequency	380 kHz
Max. output power (Cut)	80 W @ 500 Ω
Power range (Cut)	1–80 W
Max. peak voltage (Pure Cut)	800 Vp
Max. output power (Coag)	50 W (Soft @ 200 Ω / Forced @ 500 Ω / Bipolar @ 200 Ω)
Power range (Coag)	1–50 W
Max. peak voltage (Forced Coag)	900 Vp
Activation	Handpiece or foot pedal (Bipolar: foot pedal)
Safety auto shutoff	Default 30 s; adjustable up to 99 s; error on over-activation
Display	2-digit 7-segment (power limit indication)

Warranty

12 months from the date of purchase (covers manufacturing defects).

Manufacturer

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