

ELECTROSURGICAL DEVICES

MODEL: EK-410
ORDER NUMBER: 44.1003



PRODUCT FEATURES

General Features

Maximum Output Power	400 Watt (Cutting Mode)
Device Modes	Monopolar (Cut-Coagulation Mode) / Monopolar (Coagulation Mode)
	Bipolar Vessel Sealing (Cut-Coagulation Mode) / Vessel Sealing
Memory Feature	50 Data Storage
Voice Alert Feature	Adjustable in the range of 40-70 dB
Device Usage Language	Selectable, Turkish / English
Classification	Class IIb 93/42/EEC
Standards	EN 60601-1, EN 60601-1-2, EN IEC 60601-2-2
Product Documentation	CE

Electrical Features

Input Voltage	115/230 VAC / 50-60 Hz selectable
Input Power	1000 VAC
Insurance Typ	115 VAC(T 6.3A Fuse Glass)-230VAC(T 3.15A Fuse Glass)
Electrical Protection Class	Class I, CF
Patient Electric Circuit	F

Menu Screen Features

Information/Menu Screen	LCD Screen
Indicator Display	Display (Seven Segment) Indicator Display
	5 Levels of Screen Brightness
	Current date and time feature in the form of day month year

Control Features

Output Power Control in Vessel Sealing
Device Internal High Temperature Control
Control of Device Internal Parameters
The device performs all these checks automatically.

Packaging Specifications

Net Weight	18 kgs
Gross Weight	23 kgs
Packaging Dimensions	460x600x400 mm

Additional Features

The product automatically detects the patient plate resistance and displays this value on the digital information screen when desired. The product can be used together with Argon gas unit.

The device can operate in Bipolar Coag mode with current delay feature.

Different sound outputs are available for cutting and coagulation in bipolar and monopolar mode.

Foot pedal alarm (when the cut and coag. pedal are pressed at the same time, the device cuts the alarm and the foot pedal alarms)

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Standard Accessories

Monopolar	
Maximum output power pure CUT	400 W → 300 Ω
Maximum output power cut-coag CUT80%	300 W → 300 Ω
Maximum output power cut-coag CUT60%	250 W → 300 Ω
Maximum output power cut-coag CUT40%	200 W → 300 Ω
Maximum output power cut ENHANCED	250 W → 300 Ω
Maximum output power cut-coag BLEND	250 W → 300 Ω
Maximum output power coag SPEEDY	120 W → 500 Ω
Maximum output power coag DEEP	120 W → 200 Ω
Maximum output power coag SPRAY	100 W → 2000 Ω
Maximum output power coag SPRAY ARGO	100 W → 2000 Ω
Bipolar	
Maximum output power pure CUT	120 W → 50 Ω
Maximum output power cut-coag CUT80%	100 W → 50 Ω
Maximum output power cut-coag CUT60%	100 W → 50 Ω
Maximum output power cut-coag CUT40%	60 W → 50 Ω
Maximum output power cut-coag BLEND	120 W → 150 Ω
Maximum output power coag COAG	120 W → 50 Ω
Vessel Sealing Output Power	200 W → 50 Ω
Operating Frequency Monopolar / Bipolar	425 kHz / 525 kHz
Selectable input voltage	115/230 V AC / 50-60 Hz
Weight	18 kgs
Dimensions	470x380x150 mm

Standard Accessories

Cautery Pen, Disposable (EK-004)	5 pcs
Cautery Pen, Reusable (EK-001)	1 pc
Bipolar Forcep Clamp (EK-018)	1 pc
Bipolar Clamp Cable (EK-030)	1 pc
Patient Plate, Disposable (EK-006)	5 pcs
Patient Plate Cable (EK-007)	1 pc
Electrode Cutter (EK-010)	6 pcs
Electrode Needle (EK-011)	3 pcs
Electrode Sphere (EK-014)	3 pcs
Dual Foot Pedal (EK-091)	2 pcs
Electrode Cleaner Sponge	1 pc
Power Cable	1 pc

TECHNICAL DRAWING

