

## SURGICAL DIATHERMY

### MODELS ALPHA SERIES



**Cuadra presents Alpha Series of surgical diathermies that are combination of ease of use, optimal set of features and advanced patient safety.**

Alpha Series surgical diathermies are designed using the state of art technologies. Use of high speed microcontrollers helps to deliver the output power precisely. They provide precise output, work on generators and inverters on wide range of input voltage and they are light weight.

Alpha Series provide unmatched usability: Be it feather touch keys, digital display, ability to store your favorite settings using programs. The ease of use allows you to derive the maximum benefit of the various features of the surgical diathermy.

Various modes in Monopolar Cut (Pure Cut with two Blends & Endo cut), Monopolar Coagulation (Spray, Fulgurate and Desiccate) and Bipolar Coagulation (Micro and Precise) are designed to provide an optimal set of features.

Power fail memory allows all current settings stored at the time of power fail and are instantly available on switch on of the machine.

In summary, Alpha Series provides the optimal performance for different surgeons' needs



### Safety Features

- Protection Class According to EN 60 601-1
- Type according to EN 60 601-1 CF
- Intelligent patient pad contact quality monitoring: Yes, with split patient plate
- Output type: Floating
- Auto Timer: Avoids power delivery by mistake for a long time.



### Technical Data

Feature		Alpha 200	Alpha 300	Alpha 400
<b>Monopolar Cut</b>		<b>Power in 300 Ohms</b>		
Pure Cut	Watt	200	300	400
Blend 1	Watt	150	200	200
Blend 2	Watt	100	100	150
<b>Monopolar Coagulation</b>		<b>Power in 500 Ohms</b>		
Desiccate	Watt	100	100	120
Fulgurate	Watt	80	100	120
Spray	Watt	80	100	120
<b>Bipolar Coagulation</b>		<b>Power in 125 Ohms</b>		
Precise	Watt	70	70	120
Micro	Watt	40	40	40
		<b>Power in 300 Ohms</b>		
Bipolar Cut	Watt	120	120	150

N.B.: Output power tolerance +/-15% or 5W whichever is greater.

No. of Programs	-	5	10	10
Power fail memory	-	Yes	Yes	Yes
Power Supply	V AC 50Hz	230	230	230
Internal Power Supply	-	SMPS	SMPS	SMPS
Power Consumption	VA max	500	750	950
Dimensions (WxHxD)	mm	380x133x390	380x133x390	380x133x390
Weight Approx	kg	6.2	6.2	6.4

### Standard Accessories

Disposable Hand Switch	1No.	Yes	Yes	Yes
Patient Plate	Silicon Split	Yes	Yes	Yes
Bipolar Forcep	-	Yes	Yes	Yes

Company Certified by:



ISO 13485:2016 ISO 9001:2015

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