



30 YEARS OF RELIABLE
PERFORMANCE &
TRUSTWORTHY SERVICE

CRESTA[®] SERIES



Monopolar | Bipolar | Vessel Sealer | Saline Bipolar

Complete Workstation,
Designed For **Multi-speciality OTs**

CRESTA[®] SERIES

Electrosurgical Unit



Key features of Cresta series

- Microcontroller based high Performance ESU.
- 100 user selectable program.
- Tissue response Technology : Maintains set power over wide range of tissue impedance.
- Safe Saline Bipolar Cautery.
- Saline Bipolar : Cut & Coag mode.
- Vessel Sealing System.
- Auto stop function : Stops energy delivery on completion of vessel sealing.
- Patient plate cable Continuity Monitoring.
- Patient return electrode monitoring
- Recall Function : Automatic last status resume
- Monopolar Cut and Coag Mode
- 3 Endo Mode : Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy.

Monopolar

- High caliber monopolar.
- Minimize collateral RF thermal effect to adjacent tissue.
- Tropicalized design with minimum maintenance cost.
- Control power with continuous feedback monitoring.

Bipolar

- High caliber bipolar output.
- Minimally Invasive.
- Rapid Coagulation.
- Eliminates requirement of patient plate.

Sealing

- Seals large vessels up to 7mm.
- Creates high strength seal.
- Minimal thermal spread.
- Reduces suturing in complicated areas.
- Aids in faster and safe surgery.

Bi-TUR

- Minimally invasive.
- Eliminates requirement of patient plate.
- Reduces risk of absorption of irrigating fluid.
- Rapid generation of an effective arc.
- Irrigation fluid remains clear for longer period.

Accessories

The instrument ports have been designed for universal standard accessories to give the clinician freedom to attach any desired accessories with the unit. Recommended to use CE marked accessories for safe and best performance.

CRESTA SERIES

CRESTA - B



CRESTA - B+



CRESTA - Is/I2B



CRESTA - Ic



CRESTA - I+s



CRESTA - I+c



CRESTA - Ws



CRESTA - Wc



SPECIFICATIONS

Cat.No		LF90120	LF90121	LF90122	LF90123	LF90124	LF90125	LF90126	LF90127	LF90128	Rated Load RL	V pk-pk
Cresta Variants		B	B+	Is	Ic	I+s	I+c	I2B	Ws	Wc		
Monopolar Mode		1	2	1	1	2	2	1	1	1		
Monopolar Cut	Pure Cut	300W	300W	300W	300W	300W	300W	300W	300W	300W		
	Blend 1	250W	250W	250W	250W	250W	250W	250W	250W	250W	500Ω	3300V
	Blend 2	200W	200W	200W	200W	200W	200W	200W	200W	200W	500Ω	3200V
	Blend 3	200W	200W	200W	200W	200W	200W	200W	200W	200W	500Ω	3600V
Monopolar Coag	Spray	80W	80W	80W	80W	80W	80W	80W	80W	80W	300Ω	6000V
	Falgorate	120W	120W	120W	120W	120W	120W	120W	120W	120W	300Ω	6600V
	Dessicate 1	150W	150W	150W	150W	150W	150W	150W	150W	150W	500Ω	3100V
	Dessicate 2	150W	150W	150W	150W	150W	150W	150W	150W	150W	500Ω	2600V
Bipolar		1	1	1	1	1	1	2	1	1		
	Micro	80W	80W	80W	80W	80W	80W	80W	80W	80W	100Ω	650V
	Macro	80W	80W	80W	80W	80W	80W	80W	80W	80W	100Ω	750V
	Cut	120W	120W	120W	120W	120W	120W	120W	120W	120W	100Ω	800V
Vessel Sealer		-	-	1	1	1	1	1	1	1		
	5mm	NA	NA	110W	110W	110W	110W	110W	110W	110W	150Ω	300V
	10mm	NA	NA	130W	130W	130W	130W	130W	130W	130W	150Ω	350V
	Biclamp	NA	NA	150W	150W	150W	150W	150W	150W	150W	150Ω	450V
Bi-TUR		-	-	-	-	-	-	-	1	1		
Cut (Pure Cut)		NA	NA	NA	NA	NA	NA	NA	300W	300W	50Ω	1500V
Coag (Desiccate1)		NA	NA	NA	NA	NA	NA	NA	150W	150W	100Ω	950V
Input supply voltage & frequency		230V±10%, 50Hz±5%										
Dimension (W x D x H)		410mm x 160mm x 480mm										
Weight		<10Kg	<10Kg	<10Kg	<10Kg	<10Kg	<10Kg	<10Kg	<10Kg	<10Kg		
Operating parameters		Ambient temperature range : +10°C to 40°C										
		Relative humidity : 15 to 85% non-codensing										
		Atmospheric pressure : 700 to 1060 millibars										
Transport & storage		Ambient temperature range : -10°C to +60°C										
		Relative humidity : 15 to 90%										
		Atmospheric pressure : 500 to 1060 millibars										

*s-split port for Bipolar and Vessel sealer, c-common port for Bipolar and Vessel sealer, NA-Not Available.

NOTE

- The ratings mentioned in the table above are maximum ratings.
- The power can be set lower to meet the requirements during surgery by selecting appropriate setting.

NOTE

- Always use the lowest power setting that achieves the desired surgical effect.
- All the above output power are available in ±20%

CRESTA SERIES

CERTIFICATIONS

Quality Management System
ISO 9001 : 2015
ISO 13485 : 2016
CDSCO file number
Eclips-Thane-MH/M/MD/001760
Product compliance standards
IEC 606601-1
Medical Electrical Equipment Part 1: General Requirements for basic safety and essential performance
IEC 60601-1-2
General Requirements for Safety - Collateral Standard: Electromagnetic Disturbances -Requirements and Tests
IEC 60601-2-2
Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories
IEC 60601-1-6
Medical electrical equipment - Part 1-6: General requirements for safety - Collateral standard : Usability
IEC 60601-1-8
Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems

WE
OFFER

ELECTRO SURGICAL UNIT
VESSEL SEALING SYSTEM
COMPLETE WORK STATION

LED OT LIGHT WITH CAMERA
OT LIGHT WITH BATTERY BACKUP
LAPROSCOPIC & UROLOGY
INSTRUMENTS

LED LIGHT SOURCE
OT TABLE
ACCESSORIES &
INSTRUMENTS

MODULAR OT
PENDANTS & PANELS
VENTILATORS

A Product By



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EPMD Quality System
is certified according to
ISO 9001:2015
ISO 13485:2016