

Estd. 1966



DELIVERING TO THE WORLD

Cautery Machine 400 Watt Digital 99 Programmable (MODEL NO : IECM 120)



Cautery Machine 400 Watt Digital 99 Programmable Supplied by Desco Medical India



Decide with Confidence

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www.descomedicalindia.com

www.descoonline.in

Specification:-

Cautery Machine is also known as Electrocautery Machine and Electro Surgical unit. Electrocautery is used in minor surgical procedures in dermatology, ophthalmology, otolaryngology, plastic surgery, and urology.

In Electrocautery procedure, heated electrode is applied to living tissue to achieve hemostasis or varying degrees of tissue destruction.



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Cautery Machine 400 Watt Digital 99 programmable is microprocessor based Electro Surgical unit.

- Minimum cutting effect
- Spray coagulation
- Automatically stops energy delivery as soon as the seal cycle is complete
- Feedback-controlled response system
- Provides good hemostasis effect

Cut :

- Pure cut - It produces a high-frequency alternating current for smooth, rapid cuts with little or no hemostasis
- Blend 1 - This mode offers varying degrees of hemostasis to surgeon in cut mode
- Blend 2 - The mode helps in vaporization of prostatic tissue or any fat tissue. The high wattage output offers fast cutting of tissues
- Endo cut - The automatic cut system is used for the reduction in complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST in comparison with the conventional blended cut mode.

Coag :

- Force : The Force mode covers the demands of standard coagulation by producing fine waveform that creates superficial resistance in the tissue resulting in superior coagulation, where the tissue destroyed by hyper evaporation. This enable surgeons for the removal of surface structures without damaging deep or peripheral tissues and to cauterize large surface
- Spray : The mode supports direct coagulation at tissue with spark. The CREST FACTOR is high thus not giving any cutting effect to the tissue.
- Fulgurate : It raises the voltage to produce a spark between electrodes for the coagulation of tissue. There is no contact between tissue and electrode.
- Desiccate : This Coagulation in which electrode is in direct contact with the tissue is referred to as desiccation and is the type of coagulation used in most surgeries. It ensures pinpoint desiccation with less destruction of peripheral tissue
- Bipolar feature : Coagulation without charring, adhesion and blanching of adjacent tissues

Bipolar :

- Micro : High Voltage force coagulation for special purpose when speed is required.
- Macro : For highly precise control over coagulation process and privations of carbonization.
- Cut : This Bipolar CUT technology nearly eliminate excessive current, even during precision cutting in minute SAFETY FEATURES tissue structure.
- Auto : Coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated.



Cautery Machine 400 Watt Digital 99 Programmable (MODEL NO : IECM 120)



- Program mode : 99 User settable program mode
- Frequency : 480khz
- Display : 7segment LED
- Weight : 7.5 Kg (approx)
- Dimension : 410mm (L) x 355mm (W) x 155mm (H)
- Voltage : Input Supply Voltage 230V (+ / - 15%) 50Hz

Applications :

- Microsurgery
- Laproscopy
- Gynecology
- Urology
- Neurology
- Thorasic
- Plastic & reconstructive surgery

Cut :

Mode	Max Power	Load	Crest Factor
Pure	400 W	300 E	1.5
Blend 1	250 W	300 E	1.5
Blend 2	200 W	300 E	1.5
Endocut	99 %	300 E	1.5

Coag :

Mode	Max Power	Load	Crest Factor
Spray	120 W	300 E	7
Force	120 W	300 E	6.5
Fulgurate	150 W	300 E	6
Dessicate	150 W	300 E	6

Bipolar :

Mode	Max Power	Load	Crest Factor
Micro	80 W	100 E	1.5
Macro	80 W	100 E	1.5
Cut	100 W	100 E	1.5
Auto	150 W	100 E	1.5

Power Digital : 400 W

Programs : 99

Capability : All surgeries Top of the line model

Max Power : 400W

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Display : 7 Segment Digital

Programs : 99

Monopolar Cut Modes : Pure Cut, Blend1, Blend2, Endo Cut

Monopolar Coagulation Modes : Spray, Dessicate, Fulgurate

Bipolar Modes : Micro, Macro, Cut

Tissue Response Circuit : Present

Patient Plate Monitoring System : Present

Dimension (WxHxD) & Weight : 4.5" x 10" x 11" & 3.8Kg.

Standard accessories with the unit :-

1 Surgical Monopolar active handle valley lab type. 1nos

2 Needle set (electrodes set for above probe) 1nos

3 S.S.patient plate (adult) 1nos

4 Patient plate cable cord. 1nos

5 Hand switch pencil DISPOSABLE.(1time use) 1nos

6 Double paddle footswitch. 1nos

7 Bipolar forceps REGULAR 1nos

8 Bipolar forceps cable cord. 1nos

9 Single paddle foot switch 1nos

We are Exporters and Suppliers of Cautery Machine 400 Watt Digital 99 Programmable at wholesale competitive prices from India.

MODEL NO

IECM 120

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