

Electro Surgical Cautery ADVANSO 400

Our new Advanso 400 is the most versatile Electro Surgical Generator. It offers features and performance never before available in a single generator. The Advanso 400 has spray coagulation which rivals the best spark gap generators and with minimum cutting effect. The blend gives a good Homeostasis effect than cutting and pure cut is exceptionally smooth and starts promptly even in irrigated procedures. The isolated bipolar output, which has a non-sparking characteristic, is ideal for Microsurgery, Neuro Surgery, Laparoscopy and other applications. Advanso 400 meets the surgeon's needs in the wide range of general procedures and in specialties including Gynecology, Urology, Neurology, Thoracic, Plastic and Reconstructive Surgery



Model: ADVANSO 400

Four modes in **CUT**.

PURE CUTE- A high- frequency alternating current yields smooth, rapid cuts that evoke little to no homeostasis

BLEND 1 – Preset blended cut modes give the surgeon varying degrees of homeostasis in cut mode.

BLEND 2 – The mode is used for the vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue.

ENDOCUT- The mode is used to automatically control cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.

Four modes in **COAG**

SPRAY – Spray output is made for direct coagulation at the tissue with spark. Above spark does not give any cutting effect as its CREST FACTOR is high.

FORCE – Pure coagulation.

FALGURATE – Sparking the tissue to lead to coagulation. There is no tissue electrode contact; rather, voltage is raised in order to incite a spark between electrodes in order to coagulate the tissue in between.

DESICCATE – Coagulation in which the active 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- When generator is switch to bipolar mode; all the Monopolar activities associated with hand-switch or foot-switch, are automatically stopped to percent uncalled burns.

Bipolar provides coagulation without charring, adhesion and blanching of adjacent tissues

Four modes in **BIPOLAR**

MICRO – High voltage force coagulation for special purpose when speed is required.

MICRO – for highly precise control over coagulation process and privations of carbonization.

CUT – Bipolar CUT technology lets you nearly eliminate excessive current, even during precision cutting in minute tissue structure.

AUTO MODE – coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated. Separates. Monopolar and Bipolar mode with individual foot-switches. 99 program modes: User settable program mode. Safety Features Body

Technical Specification

Technical Specification

CUT				
Mode	Programs	Max Power	Load	Creast factor
Pure Cut	99	400 W	500E	1.5
Blend 1	99	250 W	500E	1.5
Blend 1	99	200 W	500E	1.5
Endocut	99	99%	500E	1.5
COAG				
Mode	Programs	Max Power	Load	Creast factor
Spray	99	120 W	500E	7
Force	99	120 W	500E	6.5
Fulgurate	99	150 W	500E	6
Desiccate	99	150 W	500E	6
BIPOLAR				
Mode	Programs	Max Power	Load	Creast factor
Micro	99	80 W	100E	1.5
Micro	99	80 W	100E	1.5
Cut	99	100 W	100E	1.5
Auto	99	100 W	100E	1.5

Digital Touch Vessel Sealing System

We manufacture Digital Touch Vessel Sealing Systems, made using high grade and long performing components. Our vessel sealing systems provide special benefits not achieved by other Vessel Sealing Systems.

Masppo's Digital Touch is the most versatile electro surgical generator with added feature of vessel sealing systems. It offers features and performance never before available in a single Vessel Sealing Systems.

This is technology which is different from conventional diathermy & provides a unique combination of pressure & energy to create vessel fusion & permanently fuses vessels upto % including 7mm in diameter & tissue bundles, without dissection or isolation.

An optimized combination of pressure & energy creates the seal by melting the collagen & elastin in the vessel wall & reforming it in to a permanent, plastic like seal & result in virtually no sticking or charring.



Model: LXI SEALER

Feedback controlled response system automatically discontinues energy delivery whe the seal cycle is complete.

Cut

Mode	Programs	Power	Load	Operating Freq.
Pure	99	400w	500 Ω	480khz
Blend 1	99	250w	500 Ω	480khz
Blend 2	99	500	500 Ω	480khz
Endocut	99	99%	500 Ω	480khz

Coag

Mode	Programs	Power	Load	Operating Freq.
Spray	99	120w	500 Ω	480khz
Fulgurate	99	150w	500 Ω	480khz
Dessicate	99	150w	500 Ω	480khz

Bipolar / Seal:

Mode	Programs	Power	Load	Operating Freq.
Bi-coag	99	80w	300 Ω	480khz
Bi-cut	99	80w	300 Ω	480Khz
Seal	99	0-99%	300 Ω	480khz

Digital Touch Electro Surgical Generator

Our new Digital Touch LXI 400 W is the most versatile Electro Surgical Generator. It offers features and performance never before available in a single generator. The Digital Touch LXI 400 W has spray coagulation which rivals the best spark gap generators and with minimum cutting effect. The blend gives a good Homeostasis effect than cutting and pure cut is exceptionally smooth and starts promptly even in irrigated procedures. The isolated bipolar output, which has a non-sparking characteristic, is ideal for Microsurgery, Neuro Surgery, Laparoscopy and other applications. Digital Touch LXI 400 W meets the surgeon's needs in the wide range of general procedures and in specialties including Gynecology, Urology, Neurology, Thoracic, Plastic and Reconstructive Surgery.

Four modes in **CUT**.

PURE CUT - A high-frequency alternating current yields smooth, rapid cuts that evoke little to no homeostasis

BLEND 1 - Preset blended cut modes give the surgeon varying degrees of homeostasis in cut mode.

BLEND 2 - The mode is used for the vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue.

ENDOCUT - The mode is used to automatically control cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.

Four modes in **COAG**

SPRAY - spray output is made for direct coagulation at the tissue with spark. Above spark does not give any cutting effect as its CREST FACTOR is high.

FORCE-Pure coagulation.

FULGURATE- Sparking the tissue to lead to coagulation. There is no tissue electrode contact; rather, voltage is raised in order to incite a spark between electrodes in order to coagulate the tissue in between.

DESICCATE - Coagulation in which the active 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- When generator is switched to bipolar mode; all the Monopolar activities associated with hand-switch or foot-switch, are automatically stopped to prevent uncalled burns.

Bipolar provides coagulation without charring, adhesion and blanching of adjacent tissues

Four modes in **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 - Bipolar CUT technology lets you nearly eliminate excessive current, even during precision cutting in minute tissue structure.

AUTO MODE – coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated. · Separates Monopolar and Bipolar mode with individual foot-switches. · 99 program modes: User settable program mode. Safety Features · Body Protected and cardiac protected design. · Patient Plate Alarm Systems · HF Leakage current > 150Ma



LXI 400 W

Technical Specification

CUT					
Mode	Programs	Max Power	Load	Crest factor	
Pure cut	99	400 W	500E	1.5	
Blend 1	99	250 W	500E	1.5	
Blend 2	99	200 W	500E	1.5	
Endocut	99	99 %	500E	1.5	
COAG					
Mode	Programs	Max Power	Load	Crest factor	
Spray	99	120 W	500E	7	
Force	99	120 W	500E	6.5	
Fulgurate	99	150 W	500E	6	
Desiccate	99	150 W	500E	6	
BIPOLAR					
Mode	Programs	Max Power	Load	Crest factor	
Micro	99	80 W	100E	1.5	
Macro	99	80 W	100E	1.5	
Cut	99	100 W	100E	1.5	
Auto	99	100 W	100E	1.5	

DIGITAL ADVANCE ELECTRO SURGICAL GENERATOR

Our new **Advance MMD 400 Plus** is the most versatile **Electro Surgical Generator**. It offers features and performance never before available in a single generator. The **Advance MMD 400 Plus** has spray coagulation which rivals the best spark gap generators and with minimum cutting effect. The blend gives a good Homeostasis effect than cutting and pure cut is exceptionally smooth and starts promptly even in irrigated procedures. The isolated bipolar output, which has a non-sparking characteristic, is ideal for **Microsurgery, Neuro Surgery, Laparoscopy** and other applications. Advance MMD 400 Plus meets the surgeon's needs in the wide range of general procedures and in specialties including Gynecology, Urology, Neurology, Thoracic, Plastic and Reconstructive Surgery.

Four modes in **CUT**.

PURE CUT- A high-frequency alternating current yields smooth, rapid cuts that evoke little to no homeostasis

BLEND 1 - Preset blended cut modes give the surgeon varying degrees of homeostasis in cut mode.

BLEND 2 - The mode is used for the vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue.

ENDOCUT- The mode is used to automatically control cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.

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DESICCATE - Coagulation in which the active 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.

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AUTO MODE – coagulation start by pressing the footswitch and stops output and audio signal automatically when the tissue is coagulated. · Separates Monopolar and Bipolar mode with individual foot-switches. · 99 program modes: User settable program mode. Safety Features · Body Protected and cardiac protected design. · Patient Plate Alarm Systems · HF Leakage current >150Ma



ADVANCE MMD 400 PLUS

Technical Specification

CUT

Mode	Programs	Max Power	Load	Creast factor
Pure cut	99	400 W	500E	1.5
Blend 1	99	250 W	500E	1.5
Blend 2	99	200 W	500E	1.5
Endocut	99	99 %	500E	1.5

COAG

Mode	Programs	Max Power	Load	Creast factor
Spray	99	120 W	500E	7
Force	99	120 W	500E	6.5
Fulgurate	99	150 W	500E	6
Desiccate	99	150 W	500E	6

BIPOLAR

Mode	Programs	Max Power	Load	Creast factor
Micro	99	80 W	100E	1.5
Macro	99	80 W	100E	1.5
Cut	99	100 W	100E	1.5
Auto	99	100 W	100E	1.5

ELECTRO SURGICAL GENERATORS MMD-250

MASPPO Medical Devices present Electro Surgical Generators MMD-250, used extensively in clinics, hospitals and emergency room for various electro surgery needs. These are made using highest grade materials, and are easy to install and operate. The other salient features of these Electro Surgical Generators MMD-250 are as follows:

- Simple and quick to set up
- Compact and light to handle and install
- Provides access to previously used settings and modes
- Gives accurate surgical results with its power control dials



MMD-250

MMD-250 is low cost solid state electro surgical generator with 250W cut, coag & bipolar mode.

Mode	Dial	Power	Load	operating Freq.
Cut	10	250w	500 Ω	480khz
Coag	10	100w	500 Ω	480khz
Bipolar	10	80w	300 Ω	480khz

MASPPO MEDICAL DEVICES

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