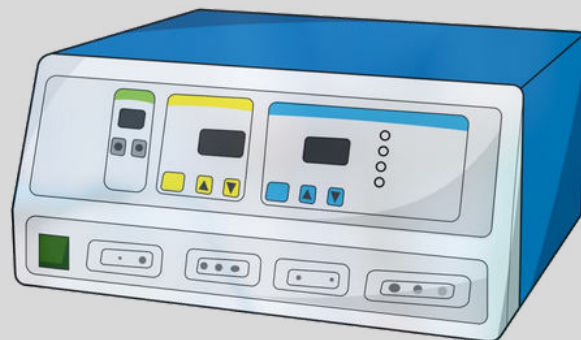




Wholesale Supplier Surgical Diathermy (Cautery) A to Z Hospital Equipment and Surgical Products **B to C**



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amramedtech.com

CAUTERY MACHINE

AMRA-SL-ESU-A



ESU-250W

Technical Specifications

• Output Frequency	Monopolar Generator 500 + 25 kHz
• Cut Control (Pure)	400 Watts 500 Ohms Load
• Cut Control (Blend-II)	300 Watts 500 Ohms Load
• Cut Control (Blend-I)	225 Wat 500 Ohms Load
• Coag Control	160 Watts 500 Ohms Load
• Bipolar Coag	100 Watts 125 Ohms Load
• Spray Coag	100 Watts 125 Ohms Load
• Input Voltage	220-240 Volts AC 50 Hz
• Power Consumption	750 VA approx.
• Dimensions	(WxDxH)mm
• Weight	12 Kg approx

AMRA-SL-ESU-B



ESU-400W

Technical Specifications

• Output Frequency	Monopolar Generator 500 + 25 kHz
• Cut Control (Pure)	400 Watts 500 Ohms Load
• Cut Control (Blend-II)	300 Watts 500 Ohms Load
• Cut Control (Blend-I)	225 Wat 500 Ohms Load
• Coag Control	160 Watts 500 Ohms Load
• Bipolar Coag	100 Watts 125 Ohms Load
• Spray Coag	100 Watts 125 Ohms Load
• Input Voltage	220-240 Volts AC 50 Hz
• Power Consumption	750 VA approx.
• Dimensions	(WxDxH)mm
• Weight	12 Kg approx



400W DIGITALESU

TECHNICAL SPECIFICATIOS

Power output : 400W maximum

AMRA-D-001



CONTROL INTERFACE

Digital control interface & user friendly interface. Allows users to adjust power level, modes selection and other settings precisely

SAFETY FEATURES

- Overcurrent protection to prevent electrical burns.
- Temperature monitoring to tissue overheating.
- Grounding & Insulation monitoring for user & patient safety.
- Isolated RF output.

PERFORMANCE SPECIFICATION

Modes of operation:-

- CUT:- PURE, BLEND 1, BLEND 2 ENDOCUT.
- COAG MODE:- SPRAY, FULGURATION & DESSICATE.
- BIPOLAR MODE:- MACRO, AUTOSOFT & CUT.

MACHINE SOFTWARE

- Latest microcontroller technology
- 99 programmable. ie Machine has 99 programs



400W ANALOGESU

TECHNICAL SPECIFICATIOIS

Power output : 400W maximum

AMRA-A-002



CONTROL INTERFACE

Analog control & user friendly interface. Allows users to adjust power level, modes selection and other settings precisely

SAFETY FEATURES

- Overcurrent protection to prevent electrical burns.
- Temperature monitoring to tissue overheating.
- Grounding & Insulation monitoring for user & patient safety.
- Isolated RF output.

PERFORMANCE SPECIFICATION

Modes of operation:-

- CUT:- PURE, BLEND 1, BLEND 2 ENDOCUT.
- COAG MODE:- SPRAY, FULGURATION & DESSICATE.
- BIPOLAR MODE:- MACRO, AUTOSOFT & CUT.

MACHINE SOFTWARE

- Latest microcontroller technology.



300W ESU

AMRA-E-003



TECHNICAL SPECIFICATIONS

Power output : 300W maximum

CONTROL INTERFACE

Analog control & user friendly interface. Allows users to adjust power level, modes selection and other settings precisely.



PERFORMANCE SPECIFICATION

Microcontroller Technology.

2 output Modes of operation:-
MONOPOLAR & BIPOLAR.

- BIPOLAR :- BIPOLAR MACRO
- MONOPOLAR :- CUT MODE & COAGULATION MODE



SAFETY FEATURES

Patient plate disconnection alarm.
Machine stops delivering when patient plate disconnects.



BI-TURP ALLIN ONE VESSEL SEAL ESU

AMRA-BI-004



DISPLAY

Digital Display with feather touch buttons.

TISSUE SURVEILLANCE TECHNOLOGY

This technology monitors tissue impedance & delivers power by impedance measuring. This state-of-the-art system continuously tracks tissue impedance and instantaneously adjusts high-frequency current and voltage in microseconds, customizing the treatment effect based on the chosen mode of operation.

KEYFEATURES(PERFORMANCE SPECIFICATIONS)

- Monopolar precision:- Achieves precise tissue coagulation with adjustable energy levels.
- Bipolar Efficiency:- Performs bipolar coagulation with enhanced energy and minimal tissue damage.
- Vessel Sealing Mastery:- Seals Vessel upto 8mm.
- Saline TURP Functionality:- Facilitates Transurethral Recession of the prostate with ease.



VESSELSEAL MACHINE

AMRA-VM-005



DISPLAY

Digital Display with feather touch buttons.

TISSUE SURVEILLANCE TECHNOLOGY

This technology monitors tissue impedance & delivers power by impedance measuring. This state-of-the-art system continuously tracks tissue impedance and instantaneously adjusts high-frequency current and voltage in microseconds, customizing the treatment effect based on the chosen mode of operation.

KEY FEATURES (PERFORMANCE SPECIFICATIONS)

- Monopolar precision:- Achieves precise tissue coagulation with adjustable energy levels.
- Bipolar Efficiency:- Performs bipolar coagulation with enhanced energy and minimal tissue damage.
- Vessel Sealing Mastery:- Seals Vessel upto 8mm.

AMRA CRESTA B

KEY FEATURES

- Microcontroller based high Performance ESU.
- 100 user selectable program.
- **Tissue response Technology** : Maintains set power over wide range of tissue Feedback Technology.
- **Auto Stop function** : stopping energy delivery with audio indication.
- Cardiac protection circuit



- Patient return electrode Monitoring Circuit.
- **Recall Function** : Automatic last status resume
- Monopolar Cut and Coag Mode
- **3 Endo Mode** : Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy
- **Upgradable to Two Monopolar**

AMRA-C-B-005



TECHNICAL SPECIFICATIONS

Power Output	Max Power	Rated Load
Maximum Monopolar Cut Output	300 W	500 Ω
Maximum Monopolar Coag Output	150 W	500 Ω
Maximum Bipolar Output	120 W	100 Ω

Mains Connection	Value
Input Voltage	220 - 240 VAC 50 Hz
Display	Digital
Dimensions	Width X Height X Depth 435 X 410 X 150
Weight	7 kg

STANDARD ACCESSORIES



Chuck Handle



Hand switch



Forcep



Patient plate

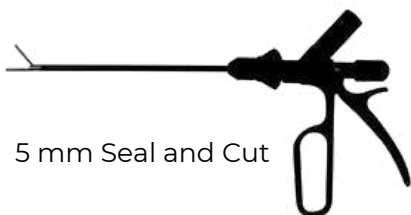


Monopolar footswitch



Bipolar footswitch

OPTIONAL ACCESSORIES



5 mm Seal and Cut



AMRA CRESTA I

KEY FEATURES

- Microcontroller based high Performance ESU.
- 100 user selectable program.
- **Tissue response Technology** : Maintains set power over wide range of tissue Feedback Technology.
- **Auto Stop function** : stopping energy delivery with audio indication.
- **Saline Resection** : Cut & Coag mode.
- Cardiac protection circuit



- Vessel Sealing System.
- Patient return electrode Monitoring Circuit.
- **Recall Function** : Automatic last status resume
- Monopolar Cut and Coag Mode
- **3 Endo Mode** : Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy
- **Upgradable to Two Monopolar e** (Cresta I+): Separate program for 2 Bipolar modes (Bipolar Coag and Bipolar Cut)

AMRA-C-I-006



TECHNICAL SPECIFICATIONS

Power Output	Max Power	Rated Load
Maximum Monopolar Cut Output	300 W	500 Ω
Maximum Monopolar Coag Output	150 W	500 Ω
Maximum Bipolar Output	120 W	100 Ω
Maximum Bipolar Inseal Output	H2	-

Mains Connection	Value
Input Voltage	220 - 240 VAC 50 Hz
Display	Digital
Dimensions	Width X Height X Depth 435 X 410 X 150
Weight	7.4 kg

STANDARD ACCESSORIES



Chuck Handle



Hand switch



Forcep



Patient plate

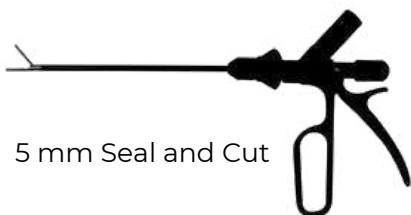


Monopolar footswitch

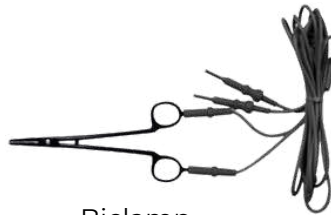


Bipolar footswitch

OPTIONAL ACCESSORIES



5 mm Seal and Cut



Biclamp

AMRA CRESTA W

KEY FEATURES

- Safe Saline Bi-TUR Cautery.
- Microcontroller based high Performance ESU.
- 100 user selectable program.
- **Tissue response Technology** : Maintains set power over wide range of tissue Feedback Technology.
- **Auto Stop function** : stopping energy delivery with audio indication.
- **Saline Resection** : Cut & Coag mode.
- Cardiac protection circuit



- Vessel Sealing System.
- Patient return electrode Monitoring Circuit.
- **Recall Function** : Automatic last status resume
- Monopolar Cut and Coag Mode
- Cost Effective Saline use : Resectoscope can be used with regular loops.
- **3 Endo Mode** : Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy

AMRA-C-W-007



TECHNICAL SPECIFICATIONS

Power Output	Max Power	Rated Load
Maximum Monopolar Cut Output	300 W	500 Ω
Maximum Monopolar Coag Output	150 W	500 Ω
Maximum Bi-TUR Cut Output	300 W	50 Ω
Maximum Bi-TUR Coag Output	150 W	100 Ω
Maximum Bipolar Output	120 W	100 Ω
Maximum Bipolar Inseal Output	H2	-

Mains Connection	Value
Input Voltage	220 - 240 VAC 50 Hz
Display	Digital
Dimensions	Length X Height X Width 440 X 150 X 425
Weight	8.3 kg

STANDARD ACCESSORIES



Chuck Handle



Hand switch



Forcep



Patient plate

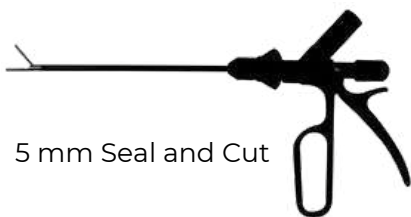


Monopolar footswitch



Bipolar footswitch

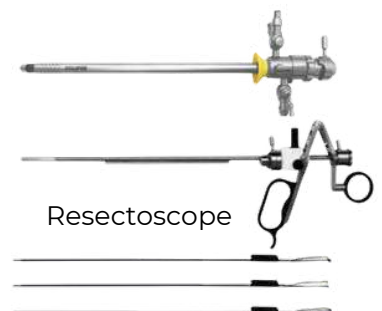
OPTIONAL ACCESSORIES



5 mm Seal and Cut



Biclamp



Resectoscope

CO2 INSUFFLATOR

A CO2 insufflator is a medical device used in various minimally invasive surgical procedures to create and maintain a clear working space within the body cavity. It delivers carbon dioxide (CO2) gas into the cavity, creating pneumoperitoneum (or pneumoretroperitoneum, depending on the specific procedure) to expand and lift the abdominal or pelvic walls.

CO2 INSUFFLATOR 40L WITH WARMER

AMRA CO2 insufflator plays a critical role in modern minimally invasive surgeries, providing surgeons with a clear view and a controlled operating environment, which enhances surgical precision and patient safety. With latest Microcontroller Technology at its core, It has significantly contributed to the advancement and widespread adoption of surgeries.



CO2INSUFFLATOR 40L WITH WARMER

TECHNICAL SPECIFICATIOS

- GAS TYPE :- CARBON DIOXIDE
- FLOW RATE:- 0 - 40L PER MINUTE.

AMRA-CW-009



MODES

Mode – Bariatric, Veress, Endo, Pediatric.

INBUILT WARMER

Optimizes the surgical environment during procedures.

DISPLAY & CONTROLS

Digital indication of instantaneous flow.

Smart bottle level indication.

Display of total volume in LITRES.

PRESSURE RANGE

PRESSURE RANGE:- THE MIN (0) AND MAX (24) pressure level the insufflator can deliver 0-24MM Hg

PRESSURE REGULATION

Pressure control feature:- when abdominal pressure equals set pressure, flow is switched off.

Pressure acuteness:- +1mm HG.

Pressure Sensor: Made in Germany for accurate pressure regulations and monitoring.

SAFETY FEATURE

Alarm and Auto-Desufflation facility in case of over pressure.



AMRAMED
TECH Pvt. Ltd.

Wholesale Supplier

A to Z Hospital Equipment and
Surgical Products B to C



Certified Register

LED LIGHT SOURCE WITH FIBRE OPTIC CABLE

AMRA-LS-010



LIGHT OUTPUT

Equivalent to 300W Xenon light source.

Medical grade colour temperature of 5000k to 6500k.

Colour rendering index over 70.

LIFETIME AND RELIABILITY

LED Lifespan: LED from USA.

Working time of 60,000hrs.

CONTROL INTERFACE

- User Interface:- Feather touch buttons

LIGHTING CONTROL

Machine has increase and decrease buttons for changing the light intensity.

COOLING & HEATING

- Cooling System: CONVECTION COOLING SYSTEM
- Power Consumption: 120WATT.

SAFETY FEATURE

Over heat protection, shockproof & No UV Light Emission.

