



Automatic Bipolar Coagulator

Coa-Comp[®]/M

Lightweight, cost-effective and ideal for any surgical environment demanding precise bipolar coagulation.



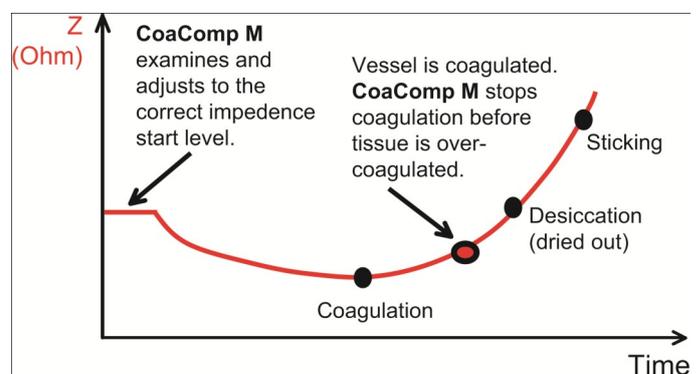
Coa-Comp/M is recommended for haemostasis in:

- General surgery
- Orthopaedic
- Dermatologic
- Vascular
- Thyroid
- ENT
- Plastic
- Pediatric
- Thoracic
- Neurosurgery

With the Coa-Comp/M, heating begins when the blood vessel is grasped between the forceps, and ceases when full coagulation is achieved.

Heating is automatically stopped before tissue begins to stick to the forceps.

A computerized monitoring system continuously analyzes variations in tissue impedance during coagulation. The generator stops producing bipolar energy when specific impedance parameters are met. As a result, the generator stops coagulation before the tissue is over-coagulated, thereby enhancing the non-stick characteristics of bipolar instruments.



Problem-free Coagulation

The Coa-Comp/M has made bipolar electro-coagulation a safe and powerful tool, with no sticking, cutting, charring or cleaning of the forceps. Thus, irrigation is needed only for physiological reasons, not for cooling. The surgeon's attention can be devoted to the main purpose of the surgery.

An advanced computer control monitor detects when the bipolar instrument is in contact with tissue allowing precise delivery of bipolar energy. When set on auto start mode, the generator is activated only when in contact with tissue, allowing the generator to be used without a footswitch.

No Tissue Damage

Coa-Comp/M is designed to give low coagulation current leakage to ground to minimize unwanted tissue damage.

No Disturbance of Surrounding Equipment

The Coa-Comp/M will not disturb TV-monitoring or other electronic equipment such as pacemakers.

Bipolar Cutting

With a pair of bipolar scissors connected to the Coa-Comp/M the automatic operation can be used for haemostasis right between the cutting edges. This is a safe and effective procedure. It is especially important for laparoscopic procedures, where the risk of unwanted damage is much less than with monopolar techniques. For open surgery the Auto-start can be used as well.

Easy Information Access

Activation of the generator is confirmed with a LED and adjustable audible tone. The alphanumeric display provides information to the operator as to operating mode, power level, cable/forceps test and the results of built in tests.

Automatic Tests and Self Monitoring

The operator can easily test the system to assure that it is functioning properly. All the operator has to do is to press the forceps together and read the result on the alphanumeric display. The Coa-Comp/M also continually monitors its own functioning. In addition, the Coa-Comp/M has a number of tests which can be performed as needed by the biomedical engineer.

Specifications



Input:	Class1, 110-120 V, 220-240 V, 50-60 Hz
Power:	10 VA at stand-by, 90 VA at full output.
Output:	Coagulation current frequency (512+/-0.050) kHz Power: 2-36 W at 100 Ohm, selectable in five steps.
Size:	Cardiac floating: Type CF 155x200x100 mm (6" x 8" x 4") excluding handle. Handle is 50mm2" high. (WxDxH)
Weight:	2.6 kg (5 lbs. 13 oz.)

FDA 510(k) number 023733 · CE-marked (CE 0402)
Coa-Comp/M is built to meet IEC 60601-1 and IEC 60601-2-2

For more information about Coa-Comp/M, please visit: www.ibbab.se

Accessories

Dual-Purpose Footswitch

For laparoscopic surgery and sometimes micro surgery, a footswitch is needed to trigger the start



Ingenjörfirman Björn Bergdahl AB

Forty years of experience in elektromedical devices.

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