



# GIMA

PROFESSIONAL MEDICAL PRODUCTS

**CAVI BIPOLARI**  
**BIPOLAR CABLES**  
**CABLES BIPOLAIRES**  
**ZWEIPOLIGE KABEL**  
**CABLES BIPOLARES**  
**FIOS ELÉTRICOS BIPOLARES**  
**ΔΙΠΟΛΙΚΑ ΚΑΛΩΔΙΑ**  
**الكابلات ثنائية القطب**  
**KABLE DWUBIEGUNOWE**  
**CABLURI BIPOLARE**  
**TVÁPOLIGA KABLAR**  
**BIPOLARNI KABELI**

**REF 30315 - 30325 - 30617 - 30618 - 30632 - 30637 - 30638 - 30639 - 30640 - 30643 - 30644**



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## **FEATURES**

The GIMA bipolar cables are devices used with bipolar electro-surgery devices. The cables are made of light and flexible silicone, they are 3 meters long and can be sterilized in an autoclave up to 135°. They have a universal connection that makes them easy to use with other GIMA devices and with most of the electric scalpels produced in Europe.

## **INFORMATION**

The product is designed to be used only by qualified doctors, specialized in electro-surgery techniques and the maintenance of this type of product.

The incorrect use or poor or inappropriate maintenance can make the product deteriorate quickly.



These products can cause injuries if not used correctly!

Do not put in contact with devices that are not insulated!

The electric scalpels used together with these cables will destroy tissues and are extremely dangerous if used incorrectly.

## **DESCRIPTION/INTENDED USE**

These cables are reusable and are supplied non-sterile. Process through cleaning and sterilization prior to initial use. These cables are designed to connect bipolar forceps/accessories at one end and electro-surgical generator with which they are known to be compatible at the other end. Their use enables the operator to remotely conduct an electrosurgical current from the output connector of an electrosurgical unit to the bipolar forceps to the operative site for the desired surgical effect.

## **REUSE**

We guarantee our products to withstand a minimum of 20 sterilization cycles when sterilized in accordance with the validated instructions contained herein. Care in use and handling can extend useful life.

## **CONTRAINDICATIONS**

These devices should never be used when:

- There is visible evidence of damage to the exterior of the device such as cracked plastic or connector damage.
- These devices fail the inspection described herein.
- In the presence of flammable gases, liquids, and/or oxygen enriched environments.

## **SAFETY TIPS**

- Use lowest possible power setting on electrosurgical unit capable of achieving desired surgical effect.
- Never allow the cables connected to these devices to be in contact with skin of the patient or operator during electrosurgical activations.
- Do not permit the cables connected to these devices to be parallel and in close proximity to the leads of other electrical devices.
- Always place unused electrosurgical accessories in a safe insulated location such as a holster when not in use.
- Inspect and test each device before each use.
- Discard devices that have reached their life expectancy.

## **INSPECTION**

It is recommended to establish a procedural review, by which the cable's electrical continuity is regularly tested with an ohmmeter as well as frequent inspection of the cord's insulation before and after each use for cracks, nicks, lacerations, or abrasions, and by which a criterion is set for the discarding and replacement of those cords which may be worn and hazardous to the patient and operating room personnel.

These devices should be inspected before and after each use. Visually examine the devices for obvious physical damage including:

- Cracked, broken or otherwise distorted plastic parts.
- Broken or significantly bent connector contacts.
- Damage including cuts, punctures, nicks, abrasion, unusual lumps, significant discoloration.
- Tips for damage, corrosion or misalignment condition.

## **CLEANING**

Remove any obvious debris accumulated during use from the device with a soft, non-metallic instrument

cleaning brush plus mild detergent and sterile purified water solution.

Rinse thoroughly with sterile, purified water until free of detergent residual and debris, then thoroughly dry using a sterile wipe, (Do not fully immerse in fluids).

## PRECAUTIONS

- Do not scrape or scrub coated surface with abrasives.
- Do not use cervical brush to clean smoke tube.
- Do not overlap instruments in sterilization tray.
- Do not soak coated instruments in CIDEX or other caustic cold sterilization solutions.
- Do not use bleach.
- Do not place coated instruments in ultrasonic cleaner.

## STERILIZATION

Wrap each pair of instrument separately or place in a container so as to prevent instrument from contacting each other or other instruments.


















- **Steam:** Steam autoclave at 250°F (121°C) for 30 minutes.
- **Flash:** Steam autoclave at 275°F (134°C) for 10 minutes.
- **Gas (ETO):** Follow manufacturer's guide for the unit which you are using.
- **Pre-Vac:** Steam autoclave at 270°-273°F (132°-135°C), Exposure Time (4 minutes), Dry Time (20 minutes)


Do not handle the device until they are thoroughly cooled. For maximum life of the product ETO sterilization is recommended.

## STORAGE & HANDLING

Electrosurgical Cables must be stored in a clean, cool and dry area. Protect from mechanical damage & direct sun light. Handle with extreme care.

### Index of symbols

	Caution: read instructions (warnings) carefully		Follow instructions for use				
	Keep in a cool, dry place		Keep away from sunlight				
	Manufacturer		Date of manufacture				
	Humidity limit		Product code		Lot number		
	Medical Device compliant with Regulation (EU) 2017/		Authorized representative in the European community				
	Non-sterile		Expiration date		Medical Device		WEEE disposal
	Temperature limit		Authorized Representative in the UK				

 **Disposal:** The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment.

## GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.