



Instruction for Use Bipolar Cables (Reusable)

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 electro-surgical current from the output connector of an electro-surgical 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 cables 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 cables 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 electro-surgical 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 electro-surgical activations.
- Do not permit the cables and in close proximity to the leads of other electrical devices.
- Always place unused electro-surgical accessories in a safe insulated location such as a holster when not in use.
- Inspect and test each cable before each use.
- Discard cables 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 criteria 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 cable 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 the cables with abrasives.
- Do not overlap the cables in sterilization tray.
- Do not soak the cables in CIDEX or other caustic cold sterilization solutions.
- Do not use bleach.
- Do not place the cables in ultrasonic cleaner.

Sterilization:

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

- **Steam: Steam autoclave at 250°F (121°C) for 20 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 cables until they are thoroughly cooled after sterilization. For maximum life of the product ETO sterilization is recommended.

Storage & Handling:

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

Warranty:

These cables are guaranteed against material and workmanship. The warranty is null and void should damage occur as a result of improper handling use. Care must be taken in the use and reprocessing of these cables.