



Bipolar Electrodes  
*for Arthroscopy*

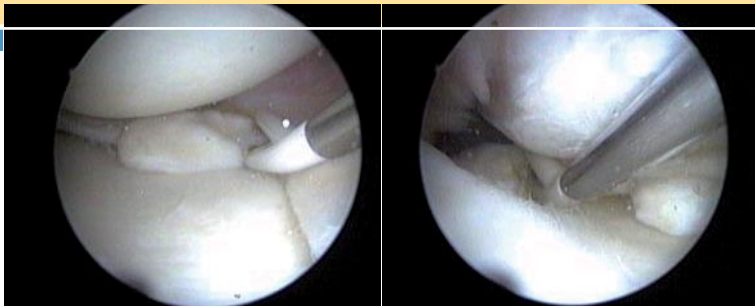
- Ergonomic
- Compact
- Safe



## Bipolar Electrodes for Arthroscopy



*In conjunction with its advanced HF units, KLS Martin offers high-quality bipolar electrodes specially designed for arthroscopic use.*



Partial meniscectomy with "COBRA" electrode. Pictures by courtesy of Orthoklinik, Rottweil (Germany). Our special thanks go to Dr. Markus Friedrich.

With the maxium® HF generator, KLS Martin offers special cutting currents designed for use with bipolar arthroscopy electrodes. Effective working performance is virtually guaranteed!

### The Highlights at a Glance

- **Cost-effectiveness**

In contrast to the conventional, monopolar technique, where an electrically non-conductive irrigation liquid is used, the bipolar technique works with an electrically conductive (NaCl) solution for irrigation.

In addition, the bipolar surgical technique offers the following advantages:

- defined current flow
- lower power required, compared with monopolar technique
- reduced bubble formation
- less insulation wear
- no neutral electrode required

- **Ergonomics**

Together with the associated connecting cable, the electrode forms an ergonomic handle unit that guarantees effortless working.

- **Innovation**

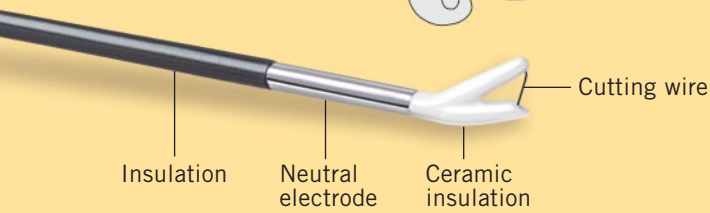
With the maxium®, the latest generation of HF units, KLS Martin offers a dedicated coagulation and cutting current supporting the specially developed arthroscopy electrodes.

- **Processing**

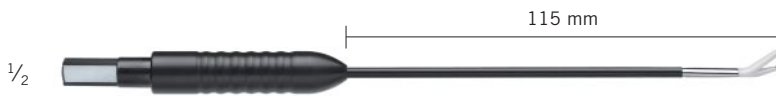
The high-quality plastic is highly resistant to cleaning agents.

The electrodes and the cable can be easily processed in the customary manner and sterilized at 134°C (273.2°F).

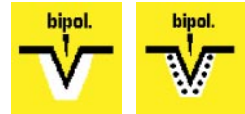
**COBRA**  
electrode



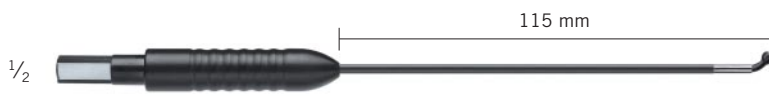
maxium®



80-650-00-04  
Bipolar electrode type "COBRA", length 115 mm



80-651-00-04  
Bipolar hook electrode, length 115 mm, 0.6 mm



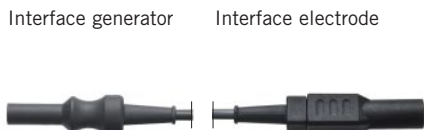
80-652-00-04  
Bipolar vaporization electrode type "Phazer", flexible, incl. bending device (80-652-01-04)



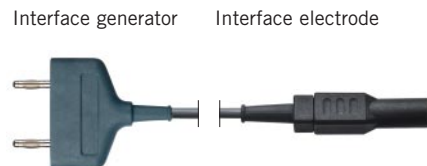
80-652-01-04  
Autoclavable bending device for easy and safe adaption of the "Phazer" electrode



For further information on "Bipolar Arthroscopy Electrodes" see the case report which can be requested separately.



80-288-70-04  
3 m/10 ft.  
Connecting cable for bipolar electrodes, maxium®, "m"-version



80-288-72-04  
3 m/10 ft.  
Connecting cable for bipolar electrodes, maxium®, "i"-version

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