

# Electrosurgery



*mar*cut®



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THE BIPOLAR MARTIN SCISSORS  
FOR USE IN OPEN SURGERY

**KLS** martin  
GROUP

# Safe and universally applicable Accessories for Electrosurgery

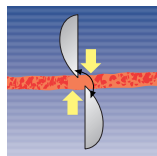
## **mar**cut®

*The bipolar Martin scissors for use in open surgery*

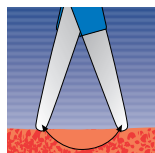


### The bipolar technique

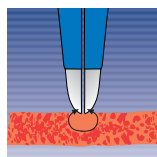
When using the bipolar electrosurgical technique, the flow of current is limited to a defined tissue area. Only the tissue between the two blades (tips) of the scissors is part of the electric circuit. This requires significantly less power than monopolar applications. In other words, the bipolar technique means more patient safety!



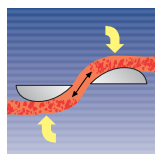
Precise cutting and simultaneous hemostasis –  
in a single surgical step.



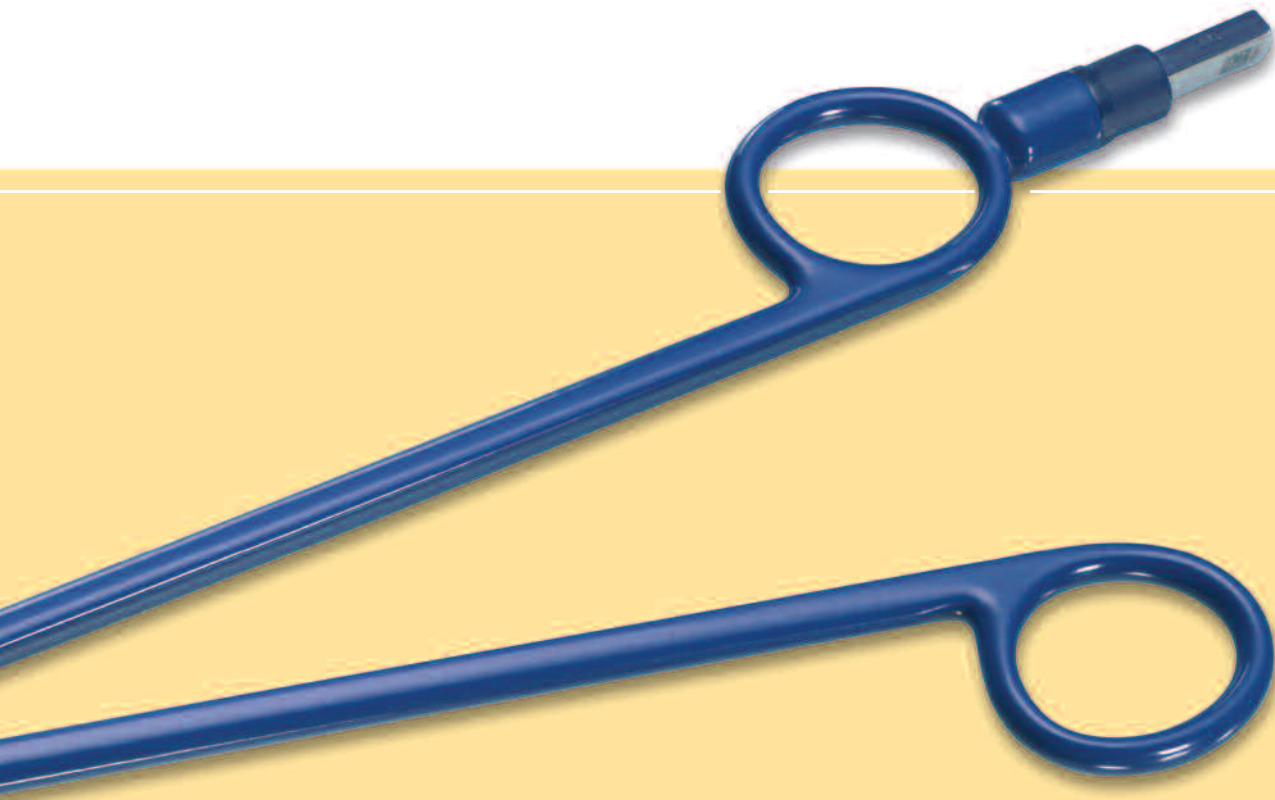
Coagulation is possible in any blade position.  
Thus, even extended superficial hemorrhages  
can be easily stopped.



The bipolar scissors can also be used for point coagulation  
(instead of forceps) to stop locally limited hemorrhages.



With the scissors opened, vessel coagulation  
is possible before performing the cut.



## Good reasons at a glance

- Tissue-friendly and safe treatment as an alternative to monopolar surgery
- Durable ceramic coating; the specially hardened surface of the other blade ensures a consistently sharp edge
- Rugged metal joint (pivot)
- Can be resharpened repeatedly
- Can be used across a wide range of indications
- Time savings due to safe coagulating and precise cutting in a single step
- Both the scissors and the cables can be steam-sterilized (up to 134 °C / 2 bar)
- Existing bipolar connecting cables can be used as well
- The marCut® scissors can be used with any Martin HF generator capable of producing bipolar currents  
Compatible non-Martin generators on request
- Connection of the bipolar cable to only one shank (or handle) facilitates the surgeon's work

# Bipolar Scissors Current for electrosurgically assisted mechanical Cutting

*With its maXium<sup>®</sup>, the latest generation of HF units, Martin offers you a special scissors current: Forfex. This current has been specially designed for use with our bipolar marCut<sup>®</sup> scissors. It supports the mechanical cut of the scissors with bipolar high-frequency current that enables simultaneous hemostasis.*



## Indications

### General surgery

- Laparotomy
- Intestinal surgery
- Esophageal interventions
- Colorectal interventions
- Pancreatic interventions
- Hernias

### Gynecology

- Abdominal hysterectomy
- Vaginal hysterectomy
- Mamma dissection
- Axillary dissection
- Incisions

### Plastic surgery

- Flap plasty
- Mamma reconstruction

### Thoracic surgery

- Thoracotomy
- Pneumectomy
- Aortic aneurysm

### Cardiac surgery

- Excisional biopsies
- Mammary dissection
- Saphenous vein preparation

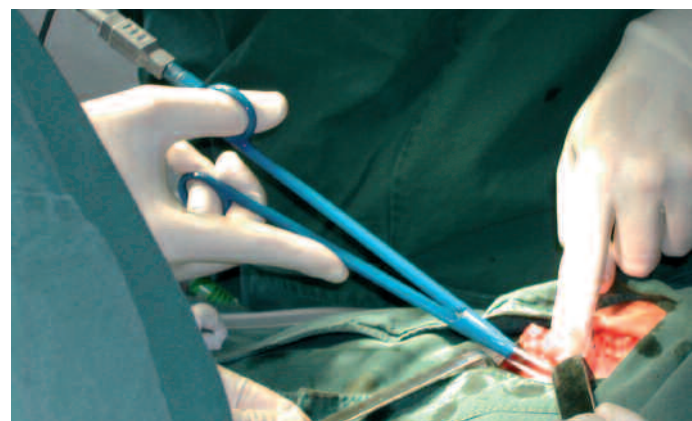
### Hand surgery

### Urology

## Design of the bipolar Martin scissors

The two blades of the scissors are electrically insulated from each other by a ceramic element. The specially hardened surface of the other blade guarantees a consistently sharp cutting edge.

## Application: colon resection

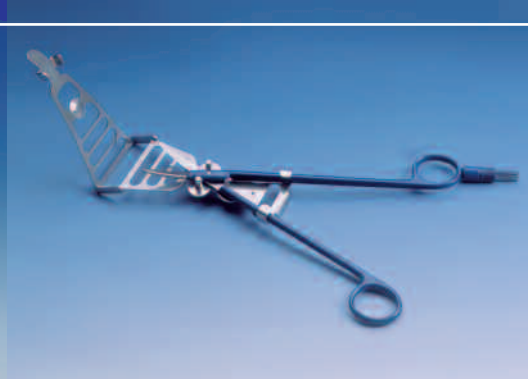




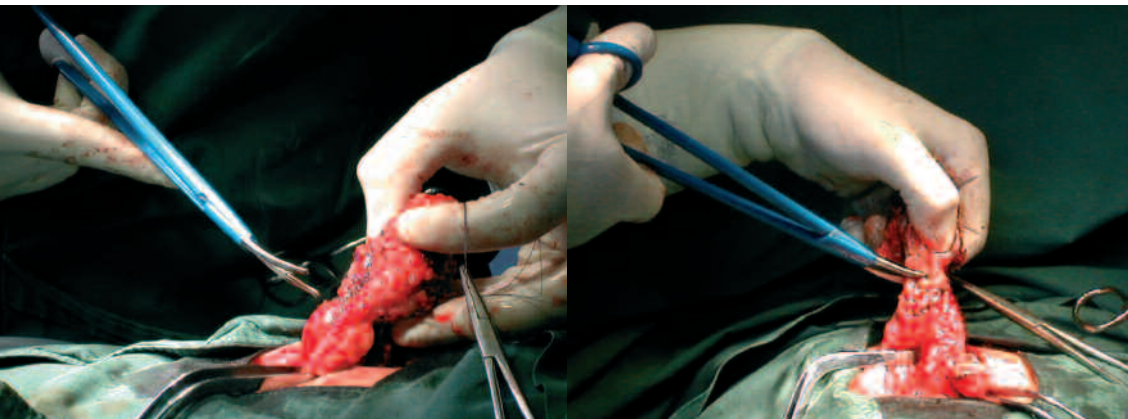
*The maximum® generator's Forfex current has been specially adapted to the marCut® bipolar scissors*



Scissor blade with ceramic coating



To effectively protect the ceramic-coated blade of the marCut® scissors during instrument processing, it is mandatory to use the protector supplied with the product.



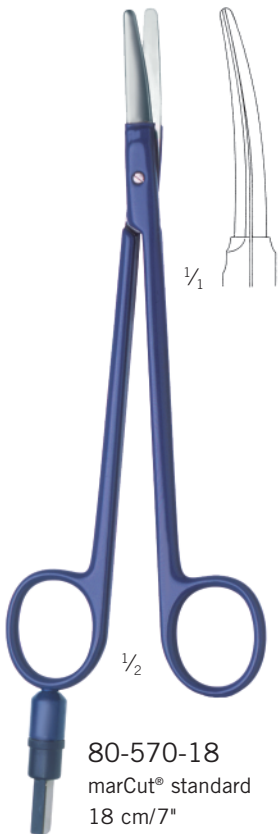
# Types of Scissors and Connecting Cables

*Different sizes give you choice – just the right instrument for the task at hand.*

*All types of scissors are delivered with a special protector.*

*Users can choose between the standard version and a slim model – the new marCut® SL (Slim Line).*

## Standard version





80-287-33 80-287-53  
3 m/10 ft. 5 m/16 ft.  
Bipolar connecting cable for  
Martin, Berchtold, Aesculap units



80-286-30 80-286-50  
3 m/10 ft. 5 m/16 ft.  
Bipolar connecting cable for  
Erbe units (VIO, ICC, ACC)

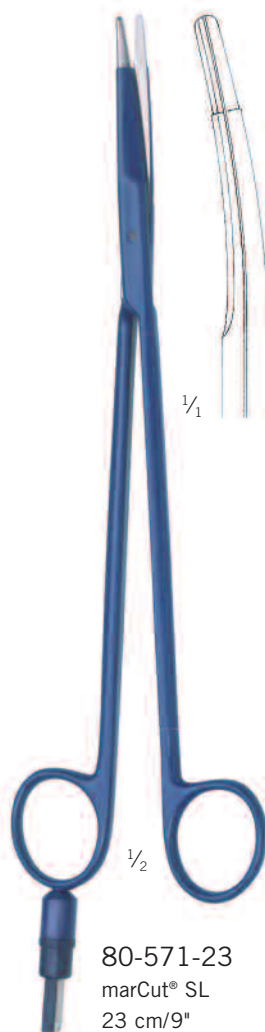
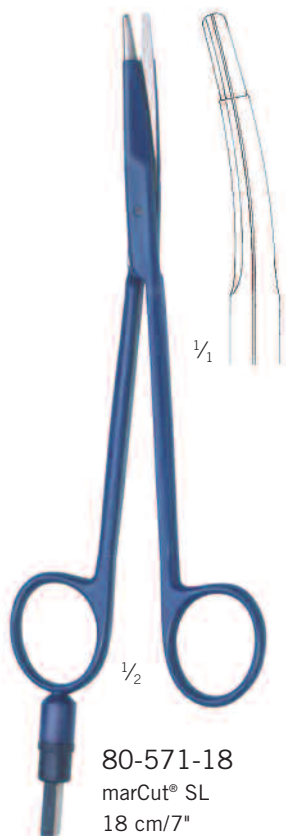


80-287-89 80-287-90  
3 m/10 ft. 5 m/16 ft.  
Bipolar connecting cable for  
Valleylab units



80-287-70  
3 m/10 ft.  
Bipolar connecting cable for  
Conmed, Codman, Valleylab units

Slim model



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