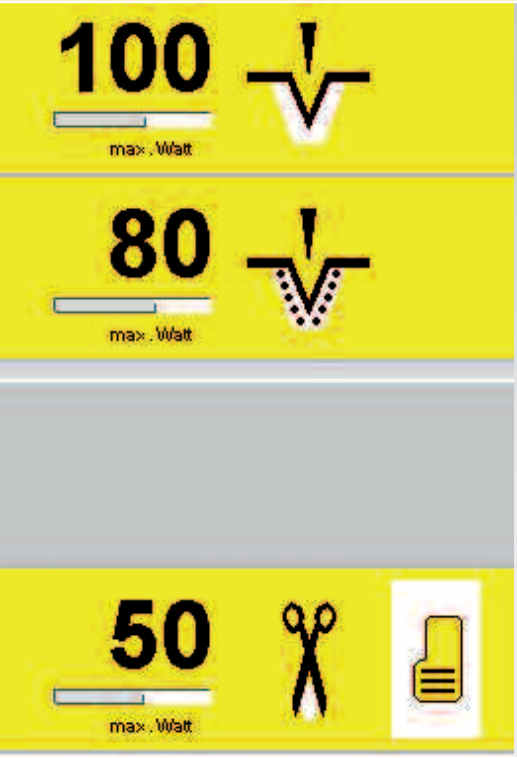
Electrosurgery



marCut®

THE BIPOLAR KLS MARTIN SCISSORS
FOR USE IN OPEN SURGERY

KLS martin
GROUP

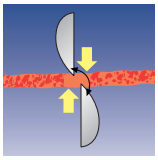
Safe and universally applicable Accessories for Electrosurgery

marCut®

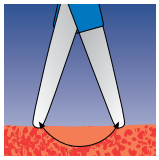
The bipolar KLS Martin scissors for use in open surgery

The bipolar technique

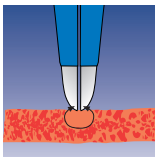
When using the bipolar electrosurgical technique, the flow of current is limited to a defined tissue area. Only the tissue between the two blades (tips) of the scissors is part of the electric circuit. This requires significantly less power than monopolar applications. In other words, the bipolar technique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



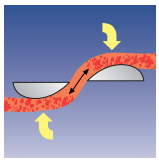
Precise cutting and simultaneous hemostasis – in a single surgical step.



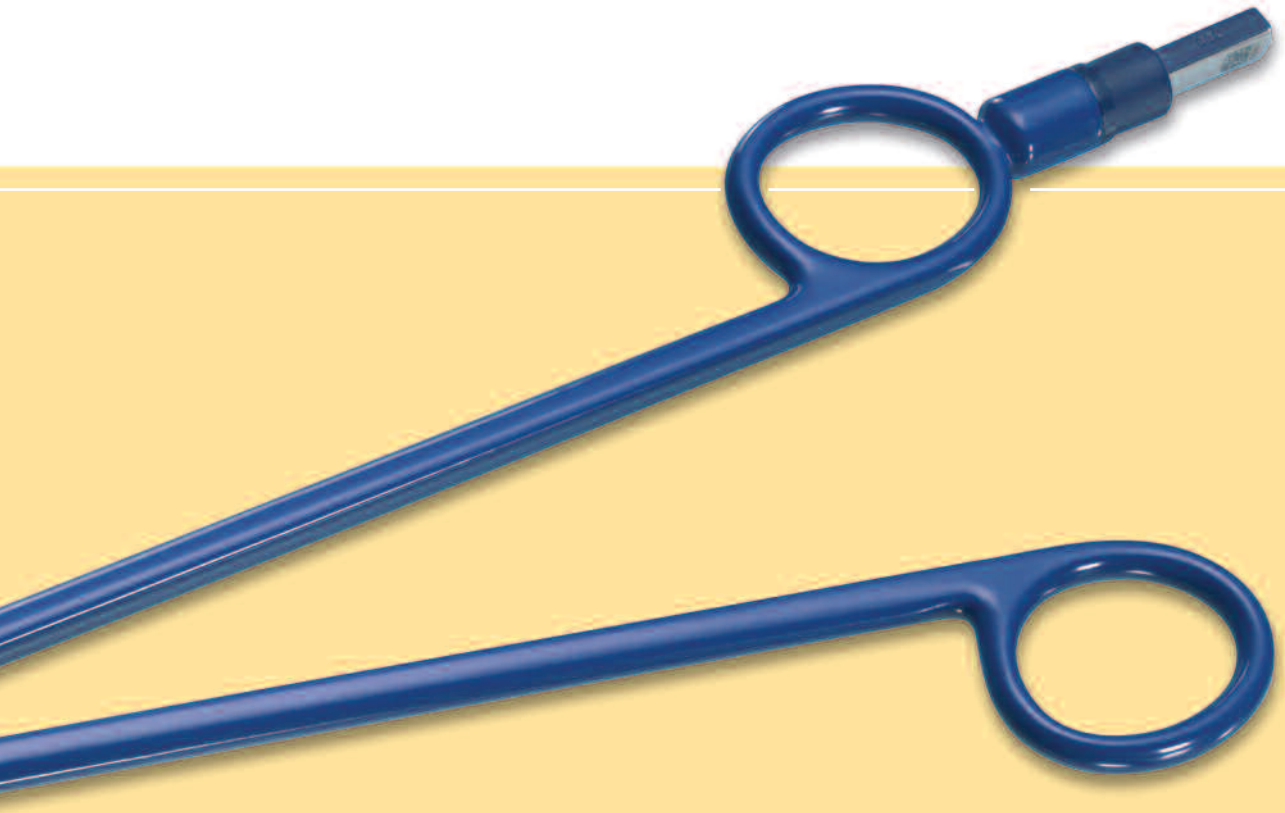
Coagulation is possible in any blade position. Thus, even extended superficial hemorrhages can be easily stopped.



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



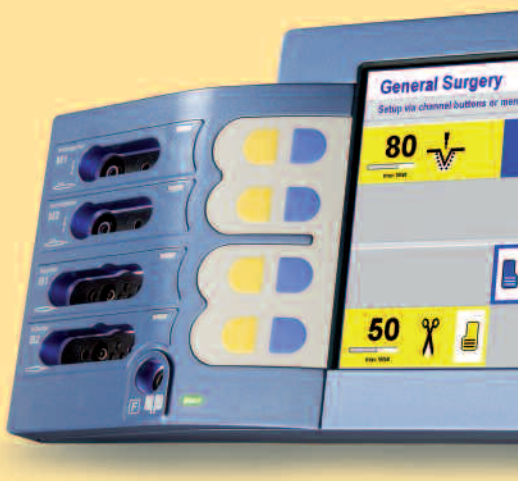
With the scissors opened, vessel coagulation is possible before performing the cut.



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 KLS Martin HF generator capable of producing bipolar currents; Compatible non-KLS-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®, the latest generation of HF units, KLS Martin offers you a special scissors current: Forfex. This current has been specially designed for use with our bipolar marCut® 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

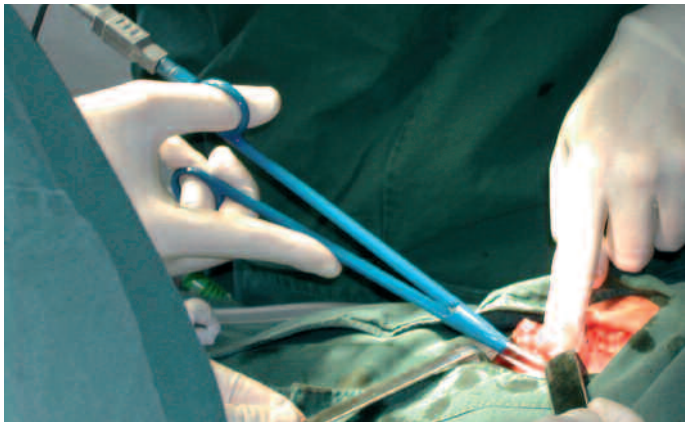
Hand surgery

Urology

Design of the bipolar KLS 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.

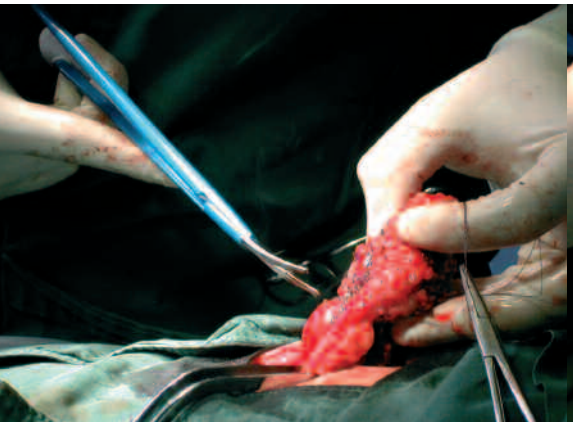
Application: colon resection

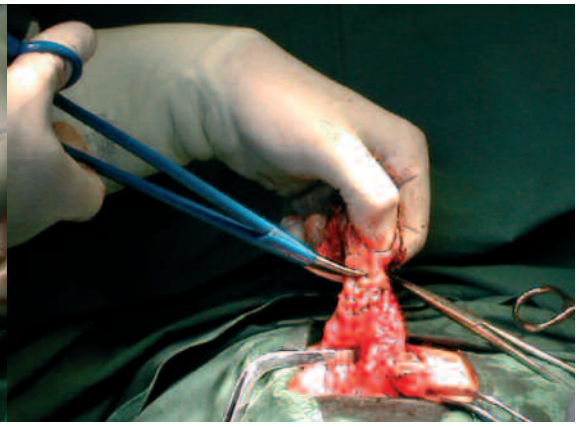


The maxium® generator's Forfex current has been specially adapted to the marCut® bipolar scissors.

Scissor blade with ceramic coating

To effectively protect the ceramic-coated blade of the marCut® scissors during instrument processing, it is recommended to use the protector (80-570-00-04).



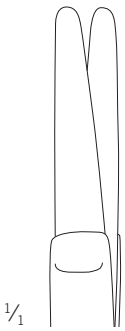


Types of Scissors and Connecting Cables

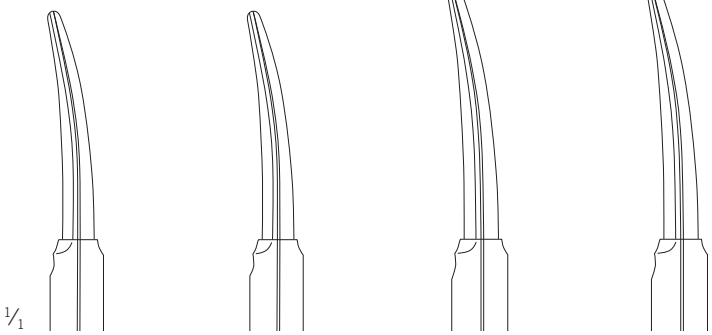
Different sizes give you choice – just the right instrument for the task at hand.
We recommend using the protector (80-570-00-04) for processing the scissors.

Users can choose between the standard version and two versions of the slim model – the marCut® SL (Slim Line) and the new marCut® SSL (Super Slim Line).

Standard version



1/1



1/1

80-570-18-04
18 cm / 7"

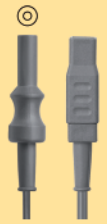
80-570-21-04
21 cm / 8 2/8"

80-570-23-04
23 cm / 9"

80-570-28-04
28 cm / 11"

1/2

80-570-18-04 - 80-570-28-04
marCut® Standard



80-287-33-04 80-287-53-04

3 m/10 ft. 5 m/16 ft.
Connection cable for bipolar instruments, for KLS Martin and Berchtold units

80-286-30-04 80-286-50-04

3 m/10 ft. 5 m/16 ft.
Connection cable for bipolar instruments, for maxium® e-version/ ICC and ACC/VIO Erbe units

80-287-89-04 80-287-90-04

3 m/10 ft. 5 m/16 ft.
Connection cable for bipolar instruments, for maxium® i-version/ ME MB2 i-version/Valleylab units

80-287-70-04

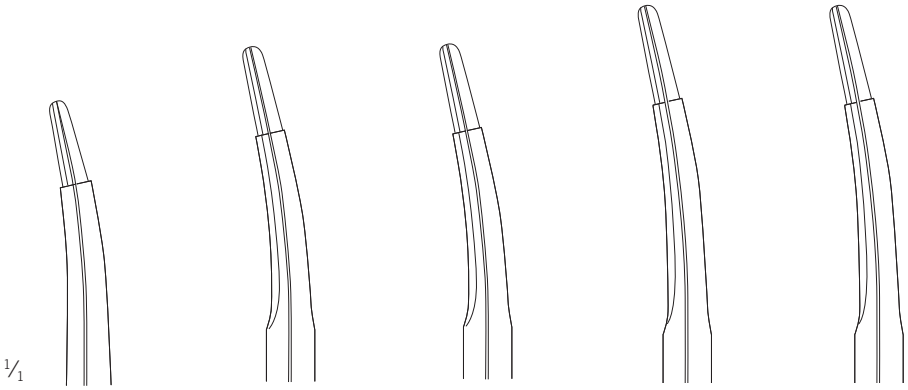
3 m/10 ft.
Connection cable for bipolar instruments, for Codman and Valleylab units

Slim model
Slim Line

1/1

1/2

1/1



80-571-14-04
14 cm / 5 2/8"

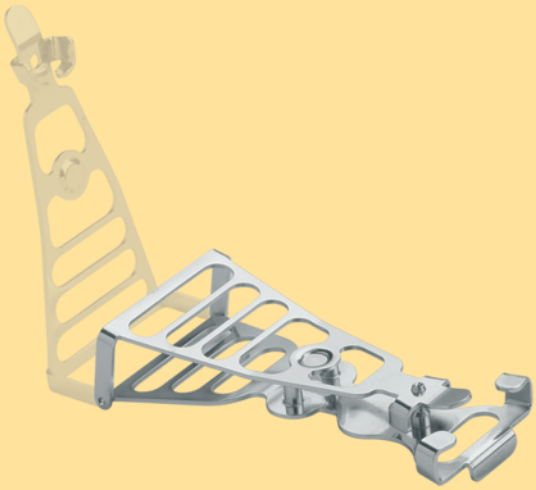
80-571-18-04
18 cm / 7"

80-571-21-04
21 cm / 8 2/8"

80-571-23-04
23 cm / 9"

80-571-28-04
28 cm / 11"

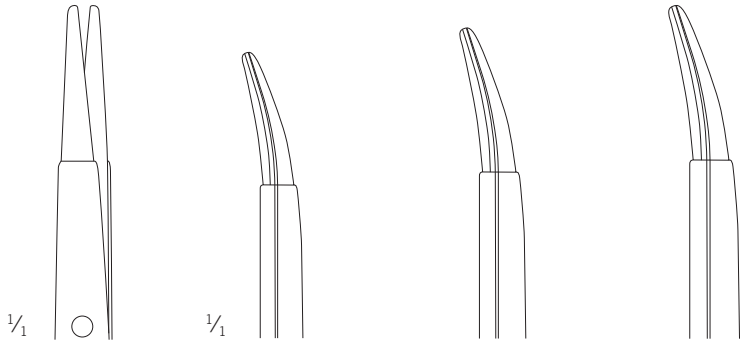
80-571-14-04 - 80-570-28-04
marCut® SL



80-570-00-04

Protector for instrument processing.
We recommend using the protector
for processing the scissors
(Standard, Slim Line, Super Slim Line).

Slim model
Super Slim Line



80-572-13-04
13 cm / 5 1/8"

80-572-14-04
14 cm / 5 2/8"

80-572-17-04
17 cm / 6 6/8"

80-572-13-04 - 80-572-17-04
marCut® SSL

Should you have any queries ...

... we'll be glad to be at your service!

Our HF Accessories Catalog contains the complete range of KLS Martin HF instruments (printed version 90-302-08-05).

You can reach us in person either via e-mail or through our customer hotline:
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