

Electrosurgery



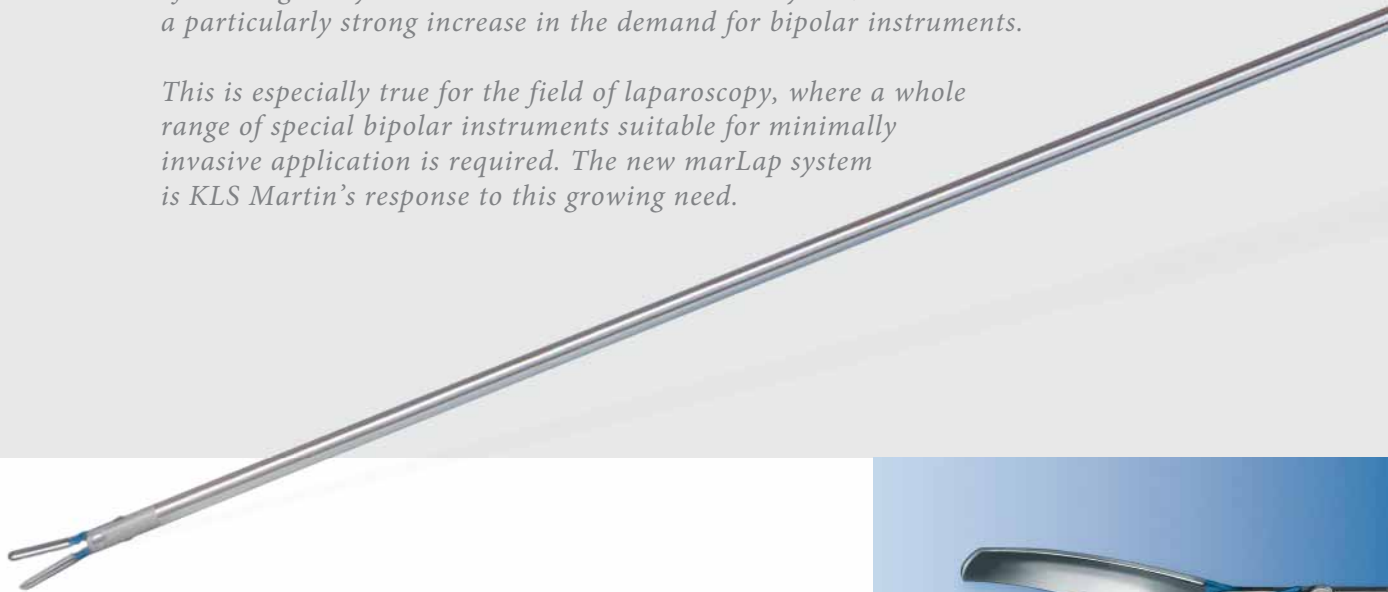
marLap

*Safe and easy operating with the
KLS Martin bipolar instruments*

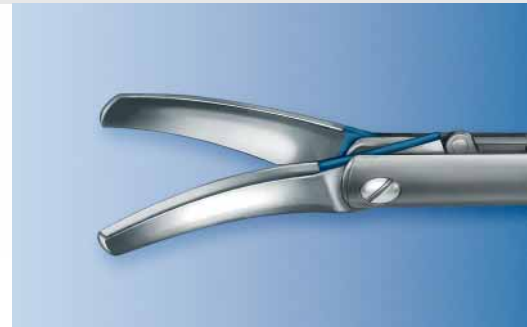
marLap – bipolar coagulation in laparoscopy

For many decades, KLS Martin has been known as a successful provider of HF surgical systems and instruments. In recent years, there has been a particularly strong increase in the demand for bipolar instruments.

This is especially true for the field of laparoscopy, where a whole range of special bipolar instruments suitable for minimally invasive application is required. The new marLap system is KLS Martin's response to this growing need.



***mar*Lap**



The bipolar application technique

Bipolar coagulation is one of the most frequently used HF surgical techniques. Why? Because the high-frequency current takes a very short path through the patient's body, flowing directly from the instrument's active blade or jaw to the opposite (inactive) blade or jaw. Thus, only the treatment zone is actually affected by the electric current.

Compared with the monopolar technique, the energy requirements are significantly lower and no neutral electrode is needed at all. Thanks to these advantages, the bipolar application technique is considered a distinctly safe HF surgical method.

marLap Cut

Scissor-type exchangeable electrode, curved, for mechanical cutting and simultaneous coagulation

Item no. 83-585-03-04



marLap Clamp

“Grasping forceps” exchangeable electrode, fenestrated, for coagulating
Item no. 83-585-05-04



marLap Maryland

“Grasping forceps” exchangeable electrode, curved, for dissecting and coagulating
Item no. 83-585-06-04



marLap Clamp

“Grasping forceps” exchangeable electrode, non-fenestrated, smooth, for coagulating
Item no. 83-585-07-04

marLap – bipolar coagulation
in laparoscopy

marLap



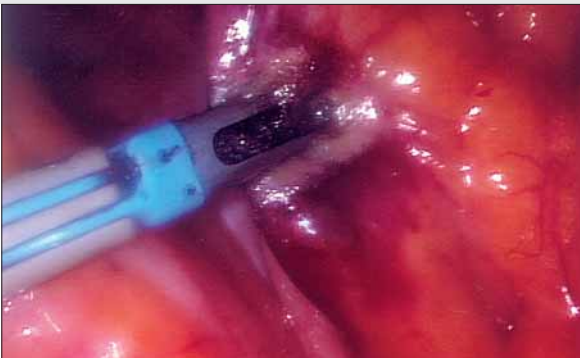
83-585-00-04
340 mm, Ø 5 mm
marLap handle with shaft



Endoscopy is a field of application where reliable hemostasis is of particular importance. Especially the current type Macro Coag of the maxium® generator is suitable for the bipolar coagulation with insert marLap Maryland and marLap Clamp (fenestrated and non-fenestrated).



The maxium®'s Forfex current is simply ideal for use with the marLap instruments because this special bipolar cutting current provides coagulation support when performing the cut. However, these instruments can also be used with the bipolar coagulation currents of other KLS Martin HF generators. As sufficient coagulation takes place prior to dissection, hemorrhages are prevented when cutting through vascular tissue.



The fenestrated marLap Clamp jaws allow you to grasp larger tissue bundles or vessels safely for subsequent coagulation – always with an excellent view of the surgical field. The non-fenestrated marLap Clamp jaws are particularly suitable for coagulating fine and thin-skinned tissue structures. The blades or jaws of the Maryland insert are especially useful for fine dissection and the reliable coagulating of minor hemorrhages.

Here again, of course, you can use the standard bipolar cables.

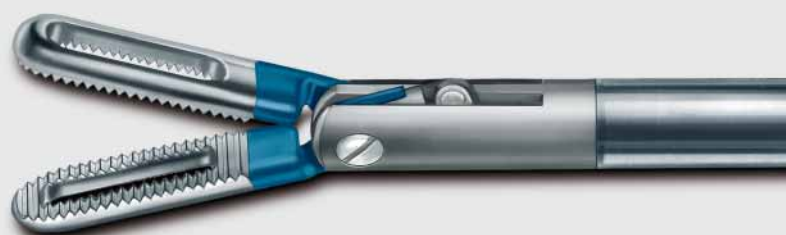


maxium®

Ingenuity is always quite simple



The marLap instrument set at a glance



Instruments for use with the maxium® system

marLap instruments

83-585-00-04	marLap handle with shaft, Ø 5 mm, 340 mm
83-585-03-04	marLap Cut scissor-type exchangeable electrode, 340 mm
83-585-05-04	marLap Clamp "grasping forceps" exchangeable electrode, fenestrated, 340 mm
83-585-06-04	marLap Maryland "grasping forceps" exchangeable electrode, curved, 340 mm
83-585-07-04	marLap Clamp "grasping forceps" exchangeable electrode, non-fenestrated, smooth, 340 mm

Bipolar connecting cables

80-287-33-04	Connecting cable for KLS Martin, Berchtold, Aesculap systems, 3 m
80-287-53-04	Connecting cable for KLS Martin, Berchtold, Aesculap systems, 5 m
80-286-30-04	Connecting cable for Erbe systems (VIO, ICC, ACC), 3 m
80-286-50-04	Connecting cable for Erbe systems (VIO, ICC, ACC), 5 m
80-287-89-04	Connecting cable for Valleylab systems, 3 m
80-287-90-04	Connecting cable for Valleylab systems, 5 m
80-287-70-04	Connecting cable for Conmed, Codman, Valleylab systems, 3 m

HF generators

80-042-00-04	maxium® with socket module for KLS Martin accessories, "m" version
80-042-02-04	maxium® with socket module for international accessories, "i" version
80-042-04-04	maxium® with socket module for 5-mm accessories, "e" version

Carrier system

80-046-00-04	maxium® Cart
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CE marking conform with 93/42/EEC

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