



maXium® sealer

Simplicity meets excellence in vessel sealing



Together with our customers, we are committed to innovating reliable and trendsetting energy-based surgical solutions. Every day, we passionately work on developing products and services that assist in optimizing clinical results which contribute to the well-being of the patient.

Table of contents

	Pages
Introduction	4
Product features	6
Working principle	9
Fields of application	10
The maXium® sealer within the energy devices portfolio	12

Next generation generator for bipolar vessel sealing

The maXium® sealer is KLS Martin's new platform
for laparoscopic and open procedures





Benefits

- Latest bipolar sealing technology
- Optimized sealing process
- Fast sealing speed
- Minimal lateral spread
- Time efficient
- Beneficial for the patient



Product features



- SealSafe® IQ mode
- Exclusively for IQ-instruments from KLS Martin
- Plug & Play, no adjustments required
- Optimized sealing performance
- Segmental indicator for sealing stages

Novelties with the **maXium®** sealer

Click and seal with the new trigger function!



Tap the activation button of your marSeal® instrument to start the sealing process. Once activated, the trigger function will ensure that the current flows continuously until the sealing cycle is complete.

This mode can be switched off and only works with marSeal® instruments.

No need to press the activation button throughout the whole sealing process.

Multifunctionality with current "bipolar"



Footswitch 80-830-10-04 is required for this functionality.

No need to change your instruments during the procedure.

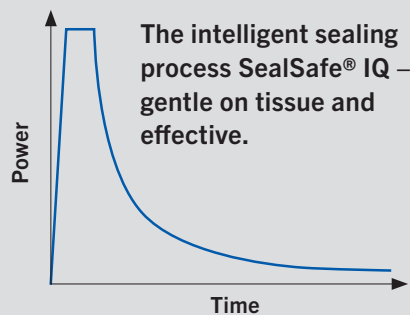
With the bipolar coagulation current „bipolar“, you can use your vessel sealing instrument as a bipolar coagulation forceps.

maXium® sealer

Feature	Function	Benefit
Latest bipolar sealing technology	<ul style="list-style-type: none"> The latest bipolar sealing technology leads to an optimized and fast sealing process. 	<ul style="list-style-type: none"> This results in various benefits for the procedure and patient.
Plug & Play 	<ul style="list-style-type: none"> The Plug & Play function of IQ-instruments recognizes the plugged instrument and automatically sets the current to a matching default. 	<ul style="list-style-type: none"> No adjustments are needed, which results in very easy and uncomplicated handling of the maXium® sealer.
Segmental indicator for sealing stages	<ul style="list-style-type: none"> The display shows the progress and success of the ongoing sealing process. 	<ul style="list-style-type: none"> Simple indication and control of the sealing process.
Stand-alone unit	<ul style="list-style-type: none"> The maXium® sealer is a stand-alone unit completely dedicated to bipolar vessel sealing. 	<ul style="list-style-type: none"> There is no need to buy a high-end electrosurgical unit for sealing purposes. With the maXium® sealer, you can reduce investment costs and space occupation in the OR.
Compatibility with maXium® smart C	<ul style="list-style-type: none"> The maXium® sealer can be combined with the maXium® smart C over a mechanical fixation. 	<ul style="list-style-type: none"> This allows the maXium® sealer to be part of the smart Cart workstation with all its benefits.
Trigger function	<ul style="list-style-type: none"> The maXium® sealer features the activation mode „trigger function“. With the trigger function, you only need to tap the activation button once to activate the vessel sealing current. 	<ul style="list-style-type: none"> No need to press the activation button throughout the whole sealing process.
Bipolar current	<ul style="list-style-type: none"> The function „bipolar“ allows you to use your vessel sealing instrument to perform „normal“ bipolar coagulation. 	<ul style="list-style-type: none"> There's no need to change the instrument during the procedure.

maXium® sealer

The new generation of intelligent vessel sealing



Vessel sealing:
up to ø 7 mm

Minimal lateral thermal
spread:
< 2 mm

Safe – vessel sealing with SealSafe® IQ

The maXium® sealer introduces a new generation of bipolar vessel sealing solutions from KLS Martin. It has been carefully enhanced to meet users' needs for usability, efficiency, and performance.

The maXium® sealer provides the latest sealing technology to achieve an optimal sealing result. In combination with KLS Martin SealSafe® IQ instruments, the maXium® sealer forms a bipolar sealing system that converts endogenous structural proteins like collagen and elastin in such a way that veins, arteries and tissue bundles are permanently and reliably sealed.

Fields of application



The maXium® sealer was specifically developed for laparoscopic and open procedures in the following medical disciplines:

- Gynecology
- General and visceral surgery
- Bariatric surgery
- Colorectal surgery
- Urology

Sustainability in bipolar vessel sealing

Seal the Deal ...



... and Cut the Waste
with our reusable sealing solutions!

The disposable materials share of our bipolar vessel sealing instruments has been reduced to the bare minimum. After the procedure, only the blade has to be replaced. By using our reusable solutions, you can save up to 36% of CO₂-Emissions¹.

¹All data is based on the marClamp® Cut IQ.
Reference: Elevating surgical sustainability: The advantage of reusable devices in healthcare (KLS Martin Group, 2024).

The **maXium**® sealer within the energy devices portfolio

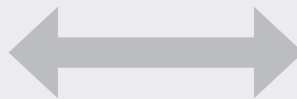
Integration in the **maXium**® smart C

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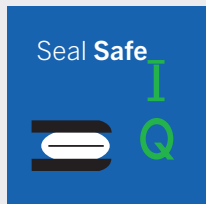


Stand-alone unit

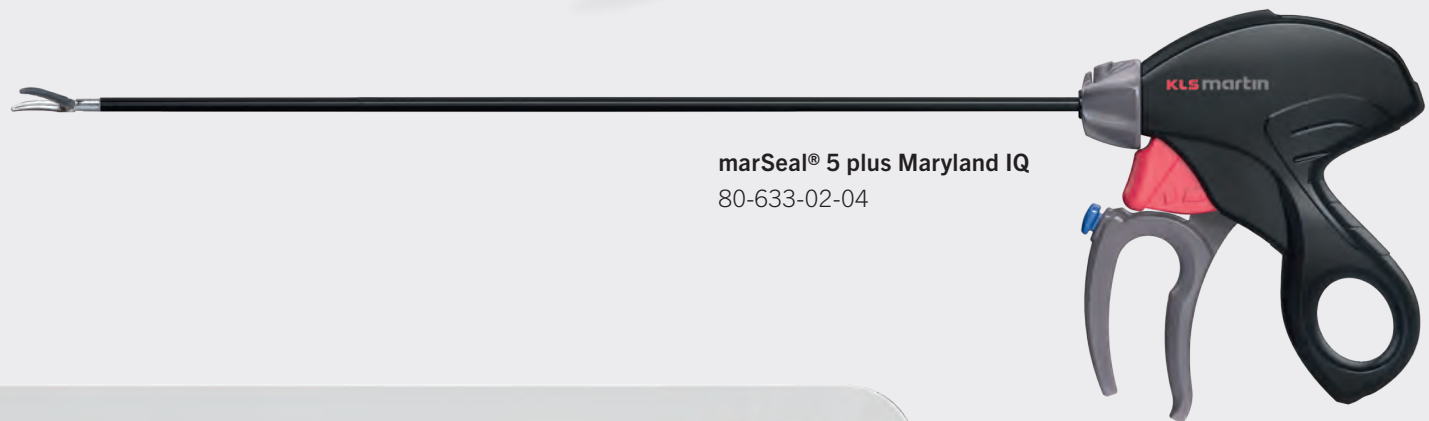
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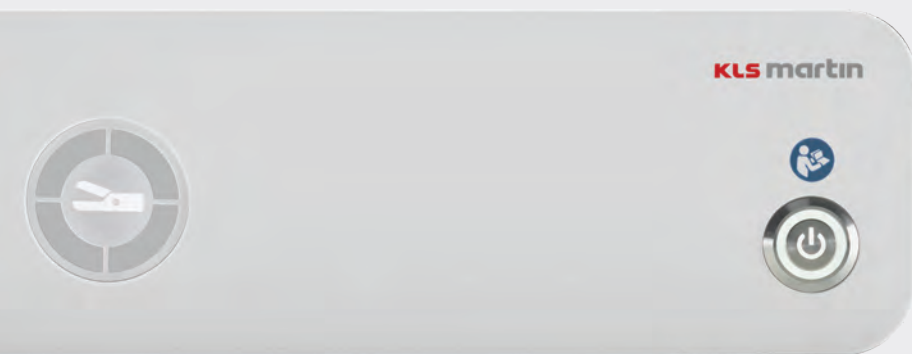
For more information on maXium® smart C please refer to the separate brochure "maXium® smart C – The touch of simplicity".



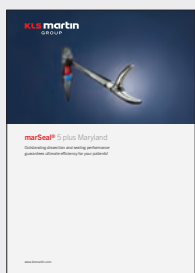
marClamp® Cut IQ, 18 cm
80-632-18-04



marSeal® 5 plus Maryland IQ
80-633-02-04



marSeal® 5 IQ
80-630-50-04



For more information on marSeal® 5 plus Maryland please refer to the separate brochure “marSeal® 5 plus Maryland – Outstanding dissection and sealing performance guarantees ultimate efficiency for your patients!”.



Footswitch
80-830-10-04

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