

marSeal 5 plus

*Intelligent vessel sealing
in a new dimension*





Prof. Gerald Gitsch
University Women's Hospital Freiburg
Medical Director

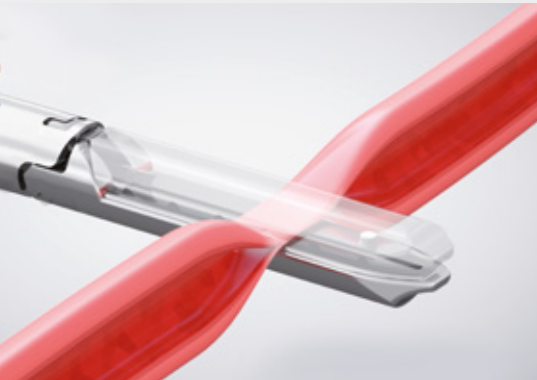
“The new sealing instrument sits very comfortably in the hand. It fulfills all of the ergonomic requirements for a modern sealing instrument.”

The fact that the instrument can be reused pays for itself. We value safety, reliability, and cost-effectiveness.”



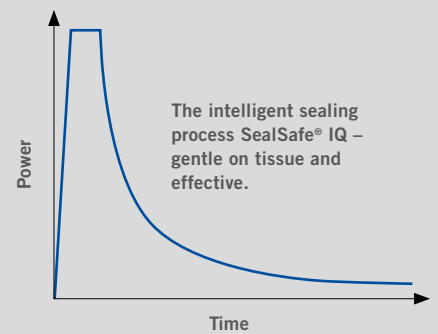
marSeal5 plus

*Intelligent vessel sealing
in a new dimension*



Left: The combination of the correct current type (SealSafe® IQ) and pressure on the tissue produces the seal. The tissue is cut exactly in the middle.

Right: The sealing process is continuously monitored. The system only delivers as much power as is required for sealing.



The marSeal5 plus rings in the new generation of bipolar vessel sealing instruments from KLS Martin. It has been systematically refined and tailored to meet the needs of users in terms of ergonomics and the ease with which it can be taken apart and cleaned.

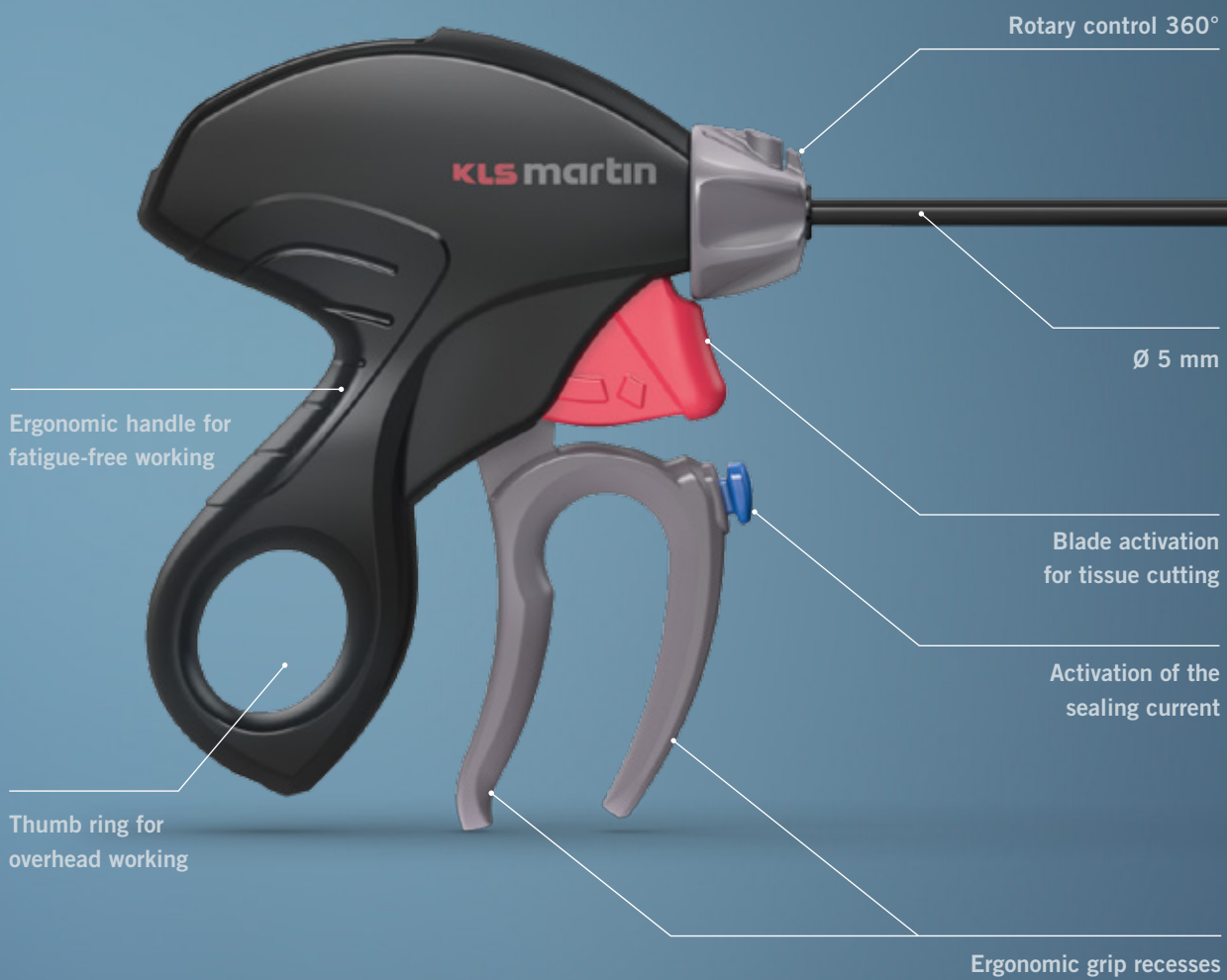
The corresponding current – SealSafe® IQ – is supplied by the high-frequency generator maxium®. Together they form a bipolar sealing system that converts endogenous structural proteins like collagen and elastin in such a way that veins, arteries and tissue bundles are permanently and reliably sealed.

The marSeal5 plus system features an integrated blade that is used to cut through the tissue in the center of the sealing area immediately after sealing. All this without changing the instrument. And in a single step. This saves valuable surgery time and therefore money.

- ✓ Ergonomic
- ✓ Safe
- ✓ Fast
- ✓ Efficient

marSeal5 plus

Features at a glance



marSeal5 plus

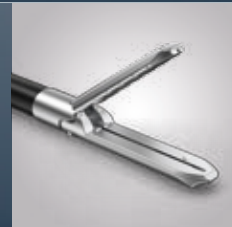
good for the environment and your budget

The disposable portion of the instrument has been reduced to an absolute minimum. This means that this product is good for both the environment and for your budget. The instrument features a disposable blade, which is sterile packaged. The remaining components can be reprocessed and sterilized using standard processes.

Special jaw geometry

for preparation and sealing

- Sealing length: 20 mm
- Cutting length: 19 mm



Concave blade geometry

for an accurate cut



Thanks to the special coating

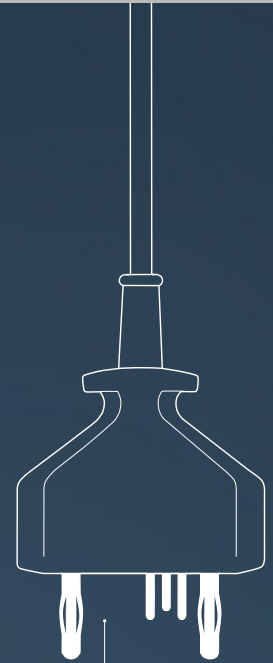
on the outside of the jaw part, lateral thermal damage to surrounding tissue is reduced to a minimum.



marSeal5 plus and maXium® – *a strong team!*

The HF generator maXium® supplies corresponding SealSafe® IQ sealing current. The advantage for you is that, when you plug in the IQ sealing instrument the maXium® unit automatically displays the name of the connected instrument and selects the corresponding current with the relevant default values.

If you do not wish to work with the instrument-specific default values, simply change them as required and save the new values in the usual, program-specific manner. The advantage of this method is that when the IQ instrument is plugged in again, your customized values will appear instead of the default values. This underlines the plug & play philosophy of KLS Martin.



IQ connector for connection to the maXium® device

Display of the name of the connected instrument



Use of the two bipolar connection sockets

Automatic assignment of the required current mode and setup of the required power output parameters

marSeal5 plus

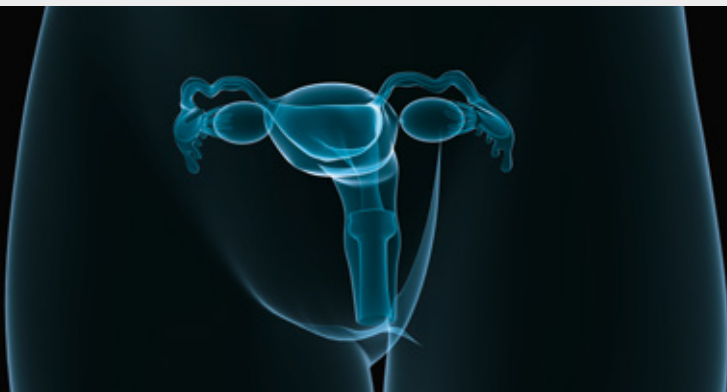
a really versatile instrument

Applications in gynecology:

- Laparoscopic supracervical hysterectomy (LASH)
- Laparoscopic-assisted vaginal hysterectomy (LAVH)
- Total laparoscopic hysterectomy (TLH)
- Vaginal hysterectomy
- Abdominal hysterectomy
- Ovaryectomy and salpingectomy
- Adhesiolysis
- Cystectomy

Applications in general and visceral surgery:

- Colectomy
- Nissen fundoplication
- Gastrectomy
- Sleeve gastrectomy
- Esophageal resection with stomach transposition
- Splenectomy
- Adrenalectomy
- Nephrectomy



marSeal5 plus

The item numbers at a glance

Item number	Designation
Complete instruments	
80-633-00-04	marSeal5 plus complete, Ø 5 mm, shaft length 370 mm (incl. handle, tubular shaft – shaft length 370 mm, incl. cleaning tool and rinsing adapter)
Individual components	
80-633-04-04	marSeal5 plus handle
80-633-05-04	marSeal5 plus tubular shaft, Ø 5 mm, shaft length 370 mm (incl. cleaning tool and rinsing adapter)
Consumables	
80-633-09-04	Disposabe blade rod for marSeal5 plus, 370 mm, sterile, SU = 10/pack.
Cleaning and reprocessing tools	
80-633-12-04	Cleaning tool for marSeal5 plus
80-633-13-04	Rinsing adapter for marSeal5 plus

KLS Martin Group

KLS Martin France SARL
68200 Mulhouse · France
Tel. +33 3 8951 3150
france@klsmartin.com

KLS Martin UK Ltd.
Reading RG1 3EU · United Kingdom
Tel. +44 1189 000 570
uk@klsmartin.com

KLS Martin do Brasil Ltda.
CEP 04.531-011 São Paulo · Brazil
Tel.: +55 11 3554 2299
brazil@klsmartin.com

Gebrüder Martin GmbH & Co. KG
Representative Office
121471 Moscow · Russia
Tel. +7 499 792-76-19
russia@klsmartin.com

Martin Italia S.r.l.
20864 Agrate Brianza (MB) · Italy
Tel. +39 039 605 67 31
italia@klsmartin.com

Nippon Martin K.K.
Tokyo 113-0024 · Japan
Tel. +81 3 3814 1431
nippon@klsmartin.com

KLS Martin Australia Pty Limited
Artarmon NSW 2064 · Australia
Tel.: +61 2 9439 5316
australia@klsmartin.com

Gebrüder Martin GmbH & Co. KG
Representative Office
201203 Shanghai · China
Tel. +86 21 5820 6251
china@klsmartin.com

Martin Nederland/Marned B.V.
1270 AG Huizen · The Netherlands
Tel. +31 35 523 45 38
nederland@klsmartin.com

KLS Martin L.P.
Jacksonville, FL 32246 · USA
Tel. +1 904 641 77 46
usa@klsmartin.com

KLS Martin SE Asia Sdn. Bhd.
14100 Simpang Ampat, Penang · Malaysia
Tel.: +604 505 7838
malaysia@klsmartin.com

Gebrüder Martin GmbH & Co. KG
Representative Office
Dubai · United Arab Emirates
Tel. +971 4 454 16 55
middleeast@klsmartin.com

Gebrüder Martin GmbH & Co. KG
A company of the KLS Martin Group
KLS Martin Platz 1 · 78532 Tuttlingen · Germany
Postfach 60 · 78501 Tuttlingen · Germany
Tel. +49 7461 706-0 · Fax +49 7461 706-193
info@klsmartin.com · www.klsmartin.com