

SAWALHE II SuperCut Morcellator



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Laparoscopic extraction of solid, benign tumors such as myomas and uteri after Laparoscopically Assisted Supracervical Hysterectomy (LASH) or Total Laparoscopic Hysterectomy (TLH) represents a serious problem. Extracting them used to involve either a mini-laparotomy or culdotomy including complications and time required. These problems have now been solved with the arrival of the newly developed SAWALHE II SUPERCUT Morcellator.

With this new development, KARL STORZ is launching a device that sets new standards and meets the most stringent demands.

In order to provide the surgeon with a simple, effective and powerful instrument for laparoscopic interventions such as LASH or myoma extraction, a number of important features of the morcellator have now been significantly improved.

The new SAWALHE II SUPERCUT Morcellator offers a maximum of safety, a high degree of flexibility, easy handling and harmonious ergonomics – combined with a maximum of power.



Within the development of the SAWALHE II SUPERCUT Morcellator, practically all key features regarding a morcellator's quality have been significantly improved.

1. Ergonomic functionality

The SAWALHE II SUPERCUT Morcellator handle features curved recesses for the fingers, so that the surgeon can grasp it safely and securely.

The pistol grip handle enables convenient use.

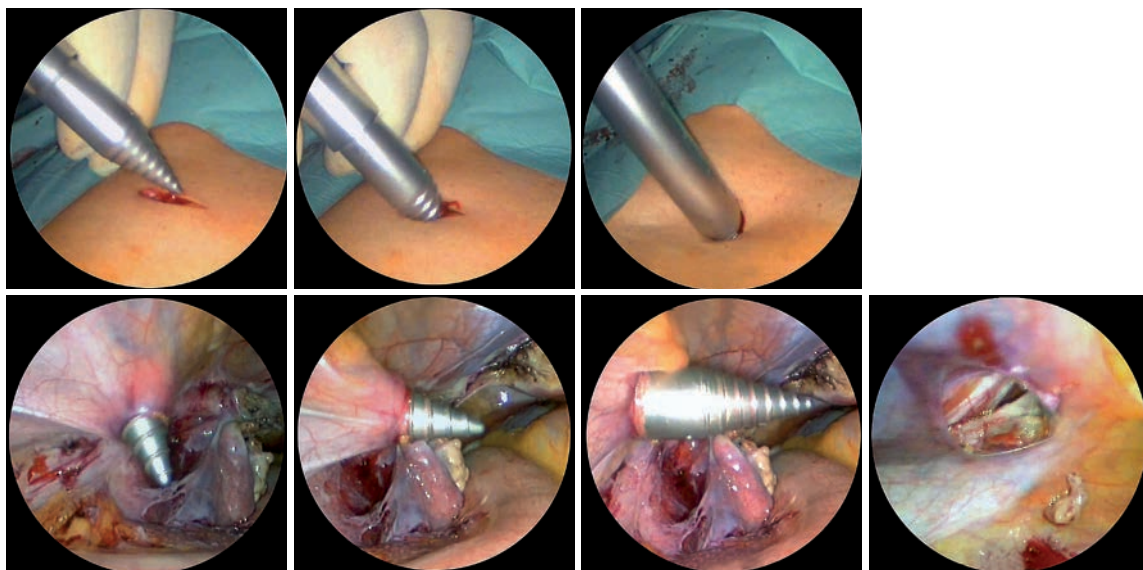
The motor is inserted into the handle and locked into place. The locking mechanism ensures that the motor is securely held in place during operation.

2. Safety

The newly designed obturator now features a conical, atraumatic spiral, which allows the morcellator to be inserted through the abdominal wall in a dilation/diffraction mechanism, causing minimum damage to the tissue.

Advantages:

- Extremely low risk of vessel damage or hemorrhaging
- Better adaptation of the abdominal wall layers.
- Safe access to the abdomen
- Simple, easy-to-learn handling

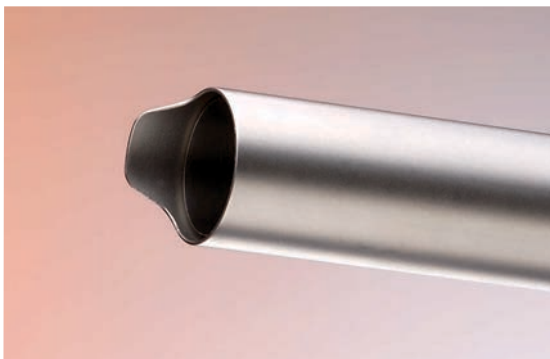


3. Safety at the tip of the SAWALHE II SuperCut Morcellator

The knife is secured by a sheath and is inserted into the abdomen in a safe and secure manner.

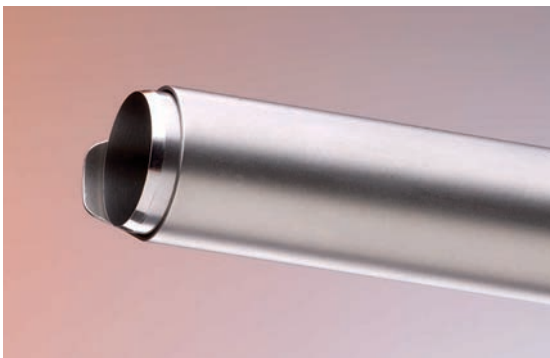
Advantages:

- Minimizes the risk of tissue and nerve lesions to the abdominal wall
- Minimizes the risk of visceralization in the abdomen
- Enables the morcellator to penetrate the abdominal wall without the need for excessive pressure or force.



In the secured state, the knife is within the sheath. This avoids the possibility of accidental lesions to the vessels or even intestines.

The morcellator can be used as a trocar in this state.



In order to ensure maximum safety, the knife can now be positioned and activated by manually retracting the sheath.

4. Flexible functionality

The sheath is available in two versions, each of which is available in two diameters:

- 12 mm and 15 mm straight sheath
- 12 mm and 15 mm sheath with distal nose to achieve the so-called peeling effect

This offers the surgeon a flexibility of selection and the advantages of two morcellators in one device.

5. Motor and performance

The motor has been developed according to the very latest technical advances. Although it weighs very little, it can generate – with a low noise level – an enormous output, which is electronically controlled by the UNIDRIVE® S III control unit. This combination provides the platform for the SAWALHE II SUPERCUT Morcellator to offer an outstanding performance. Very long strips of tissue can be extracted in a single work step.

The motor is inserted into the handle and locked into place. We recommend operating the SAWALHE II SUPERCUT Morcellator with UNIDRIVE® S III Programm P4 at up to 650 rpm.

A valve at the proximal end of the morcellator closes automatically and prevents gas from escaping.

Conclusion

The following properties put SAWALHE II SUPERCUT Morcellator in a league of its own: it is safe, light, ergonomic and has flexible functions.

The surgeon is free to choose between direct, complete-lumen morcellation using the straight sheath or the peeling effect using the sheath with distal nose, both available in either 12 mm or 15 mm.

Although the morcellator is extremely light, its high level of performance and efficiency are highly impressive and significantly reduce the time required for extraction.





26711515 Electromechanic Morcellator SAWALHE II SUPERCUT, diameter 12/15 mm, for use with UNIDRIVE® S III, including:

SUPERCUT Handpiece

Handle

High Performance EC Motor

Connecting Cable, for use with UNIDRIVE® S III

CLICKLINE Tenaculum Forceps, diameter 12 mm

2x Cutter, diameter 12 mm

Obturator, with thread, diameter 12 mm

Outer Sheath, with nose, diameter 12 mm

Seal Cap, diameter 12 mm

CLICKLINE Tenaculum Forceps, diameter 15 mm

2x Cutter, diameter 15 mm

Obturator, with thread, diameter 15 mm

Outer Sheath, with nose, diameter 15 mm

Seal Cap, diameter 15 mm

26711513 Electromechanic Morcellator SAWALHE II SUPERCUT, 12 mm, for use with UNIDRIVE® S III, including:

SUPERCUT Handpiece

Handle

High Performance EC Motor

Connecting Cable, for use with UNIDRIVE® S III

CLICKLINE Tenaculum Forceps, diameter 12 mm

2x Cutter, diameter 12 mm

Obturator, with thread, diameter 12 mm

Outer Sheath, with nose, diameter 12 mm

Seal Cap, diameter 12 mm

26711514 Electromechanic Morcellator SAWALHE II SUPERCUT, 15 mm, for use with UNIDRIVE® S III, including:

SUPERCUT Handpiece

Handle

High Performance EC Motor

Connecting Cable, for use with UNIDRIVE® S III

CLICKLINE Tenaculum Forceps, diameter 15 mm

2x Cutter, diameter 15 mm

Obturator, with thread, diameter 15 mm

Outer Sheath, with nose, diameter 15 mm

Seal Cap, diameter 15 mm

Optional Accessories:

26711542 Obturator, blunt, diameter 12 mm

26711552 Obturator, blunt, diameter 15 mm

26711543 Obturator, conical, diameter 12 mm

26711553 Obturator, conical, diameter 15 mm

26711546 Sheath, straight, diameter 12 mm, for use with SAWALHE II SUPERCUT handpiece

26711556 Sheath, straight, diameter 15 mm, for use with SAWALHE II SUPERCUT handpiece



26701001-1 UNIDRIVE® S III SCB,
motor system, with KARL STORZ-SCB,
power supply 100-120/230-240 VAC, 50/60 Hz
including:

UNIDRIVE® S III, with KARL STORZ-SCB

Mains Cord

One-Pedal Footswitch, two-stage, with proportional function
and pump switch function

SCB Connecting Cable, length 100 cm

System requirements for SCB control
NEO System with integrated SCB control
NEO Software, Release 20090001-44, or higher

Specifications:

Max. speed:

UNIDRIVE® S III	40,000 rpm
ROTOCUT G1	500-1200 rpm
SUPERCUT Morcellator SAWALHE II	300-650 rpm

For use with

ROTOCUT G1
SUPERCUT Morcellator SAWALHE II

It is recommended to check the suitability of the product for the intended procedure prior to use.

Consent to receive electronic information



Yes, I agree to receive future information by email at the following address:

Email

Name

Department / Practice

Street address

ZIP, Town

Signature

I agree to my data being stored at KARL STORZ for this purpose. I can withdraw my consent at any time and without giving reasons by emailing KARL STORZ at info@karlstorz.com. KARL STORZ will not make these data available to third parties.



ENDOWORLD®

WWW.KARLSTORZ.COM

KARL STORZ GmbH & Co. KG
Mittelstraße 8, 78532 Tuttlingen, Germany
Postbox 230, 78503 Tuttlingen, Germany
Phone: +49 (0)7461 708-0
Fax: +49 (0)7461 708-105
E-Mail: info@karlstorz.com
www.karlstorz.com

KARL STORZ Endoscopy-America, Inc.
2151 East Grand Avenue
El Segundo, CA 90245-5017, USA
Phone: +1 424 218-8100
Phone toll free: 800 421-0837 (US only)
Fax: +1 424 218-8525
Fax toll free: 800 321-1304 (US only)
E-Mail: info@ksea.com



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