Tradition with a Future
Solutions for operative hysteroscopy
Intrauterine BIGATTI Shaver (IBS®)

The IBS® shaver system permits most operative procedures in hysteroscopy such as, for example, polypectomies and myomectomies or the resection of placental remnants. In conjunction with the ENDOMAT® SELECT, resected tissue is immediately removed from the uterine cavity. The IBS® system is particularly suitable for the treatment of female infertility patients as interventions are performed without HF current.

The IBS® consists of a 6° angled telescope with an integrated working channel in which a rigid shaver system is inserted. It features an outer diameter of 6 mm. The shaver is combined with the UNIDRIVE® S III motor control unit and activated via a footswitch.

Pressing the footswitch simultaneously activates the 4 mm shaver blade and the pump aspiration function. To achieve the best possible visibility, the resected tissue is extracted while irrigation is performed in parallel and collected in a tissue trap filter.
Benefits

• Minimal outer diameter
  → Shorter polypectomy times compared to conventional resection via resectoscope*
  → Resection possible in the doctor’s office or clinical outpatient department
  → Less or no dilation necessary (depending on the patient)
• Resected tissue is immediately extracted using the ENDOMAT® SELECT and collected in a tissue trap filter
• Resection without HF current
• For use in physiological saline solution (NaCl)
  → Lower risk of TUR syndrome than with hypotonic distension media
• The only fully reusable hysteroscopic shaver system
• The largest shaver blade in its class, ensuring effective resection
• More intraoperative possibilities thanks to various 4 mm instruments

Indications

• Removal of polyps
• Removal of myomas
• Resection of placental remnants

* https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6658200/
Bipolar Resection

Safer work with 5 mm, 7 mm and 9 mm instruments

Bipolar resection can be considered the gold standard procedure in the field of operative hysteroscopy. The applied current is restricted to the two distal electrodes in the surgeon’s field of vision. Using saline solution as a distension medium in bipolar HF can also reduce the risk of TUR syndrome.

In conjunction with the new AUTOCON® III 400 and ENDOMAT® SELECT, this provides an optimal combination.

Benefits

- True bipolar system as the current is not returned via the sheath
- Risk of TUR syndrome can be significantly reduced*
- Precise cutting and initial cutting without delay
- The bipolar working element can be used with all KARL STORZ standard resectoscope sheaths and telescopes in the corresponding sizes
  → Allows inexpensive system changeover from unipolar to bipolar
- Fully reusable system
- 5 mm, 7 mm and 9 mm instruments available

*Bipolar resection of intrauterine tissue using a cutting loop

* Compared to using hypotonic distension media
The Bipolar 5 mm Resectoscope

Benefits

• Minimal outer diameter
  → Resection possible in the doctor’s office or clinical outpatient department without anesthetics
  → Less or no dilation necessary (depending on the patient)

• Optionally usable as a diagnostic hysteroscope in conjunction with semirigid 5 Fr. instruments
ENDOMAT® SELECT
Your upgrade to a modular pump

The ENDOMAT® SELECT is a modular roller pump for the irrigation or suction of fluids. It can either be used as a standalone single-flow pump with the hysteroscopy software package for pressure- and flow-controlled irrigation, or combined with a second ENDOMAT® SELECT and the IBS® software package for flow-controlled suction when using the IBS® shaver.

The ENDOMAT® SELECT can be equipped with various software packages and is therefore suitable for interdisciplinary use. In gynecology, the ENDOMAT® SELECT supports the following procedures:

- Pressure and flow-controlled irrigation as well as dilation of the uterine cavity for:
  - Diagnostic hysteroscopy
  - Intrauterine HF resection with the resectoscope
- Intrauterine resection with the IBS® Shaver
- Flow-controlled suction during mechanical resection with the IBS® Shaver, thus allowing direct aspiration of resected tissue
- Flow-controlled irrigation in laparoscopy

Benefits

- Constant pressure control during distension of the uterine cavity
- Suction/irrigation pump for interdisciplinary and universal use
- Easy handling thanks to cassette tubing set and tubing set recognition function
AUTOCON® III 400

The AUTOCON® III 400 is a high frequency generator suitable for unipolar and bipolar use in HF surgery. The 9” color touch screen display enables the user to select various modes and performance parameters. The footswitch allows the settings of a socket to be changed during surgery directly from the sterile area. Alternatively, two sockets with separate instruments can be controlled via a footswitch. The maximum power of 400 Watt (unipolar and bipolar) is precisely regulated by a generator. Only the amount of energy required for the desired tissue effect is emitted.

The AUTOCON® III 400 is designed for use with both bipolar and unipolar instruments from KARL STORZ. Thanks to the resection instruments from KARL STORZ and the modes provided, the power output is harmonized with instrument properties and tissue applications for optimal performance results.

Benefits

- Neutral electrode monitoring
- Automatic smoke evacuation, e.g. in laparoscopic procedures with the KARL STORZ s-pilot®
- 400 W unipolar and bipolar performance
- For interdisciplinary use
- Can be integrated into the KARL STORZ OR1™
# Intrauterine BIGATTI Shaver (IBS®) Components

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26208SA  Shaver Blade GYN, straight, sterilizable, concave cutting edge, double serrated, oval cutting window, diameter 4 mm, length 32 cm
26208SB  Shaver Blade GYN, straight, sterilizable, double serrated cutting edge, rectangular cutting window, diameter 4 mm, length 32 cm

Optional

41200RA  Cleaning Adaptor, LUER-Lock, for cleaning the inner and outer blades of DRILLCUT-X® accessories
41250RA  Cleaning Adaptor, LUER-Lock, for cleaning DRILLCUT-X®/DRILLCUT-X® II handpieces
26208SZ  Coagulation Electrode, bipolar, for use with Intrauterine BIGATTI Shaver (IBS®)
26176LE  Bipolar High Frequency Cord, length 300 cm
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**HOPKINS® Wide Angle Straightforward Telescope 6°, Set**
- with parallel eyepiece, length 20 cm, 19 Fr., autoclavable
- fiber optic light transmission incorporated with working channel, with LUER-Lock connector for inflow
- color code: green-blue
- including:
  - Obturator
  - LUER-Lock Tube Connector

**DRILLCUT-X® II Shaver Handpiece GYN**

**Optional**

**Handle**, adjustable, for use with DRILLCUT-X® II Shaver Handpiece GYN
Motor System

26701001-1  **UNIDRIVE® S III SCB**

20701070  **Control Cable**, for transmission of footswitch control signal between UNIDRIVE® S III and ENDOMAT® SELECT

| **Pump System**, comprising two ENDOMAT® SELECT pumps |
|-----------------|-----------------|
| **Suction**     | **Irrigation**  | **Accessories** |
| UP220           | UP220           | 030970-10       |
| UP603           | UP602           |                   |
| 030647-10       | UP610           |                   |
|                 | 031523-10       |                   |
|                 | 030647-10       |                   |
| **ENDOMAT® SELECT** |
| IBS® Shaver Software |
| Tubing Set for Suction |
| **ENDOMAT® SELECT** |
| HYSTEROSCOPY Software |
| Advanced Package Software |
| Tubing Set for Irrigation, pressure-controlled |
| Tissue Trap Filter |
Intrauterine HF Surgery with the Bipolar 5 mm Resectoscope – for use with AUTOCON® III 400

26120AA  **HOPKINS® Straight Forward Telescope 0°**,
diameter 2.9 mm, length 30 cm, *autoclavable*,
fiber optic light transmission incorporated,
color code: green

26053EBH  **Working Element Set**, bipolar,
including:
**Working Element**
10x **Cutting Loop**, 
**Bipolar High Frequency Cord**

26053SCK  **Resectoscope Sheath**, 15 Fr.,
oblique beak, rotating inner sheath

26053OC  **Standard Obturator**

Optional:

26053CD  **Telescope Bridge**, with channel for semirigid 
5 Fr. operating instruments

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<tr>
<th>Item Code</th>
<th>Description</th>
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| 011050-10 | **Cutting Loop**, bipolar, 15 Fr.,
sterile, for single use, package of 10 |
| 011051-10 | **Cutting Electrode**, bipolar, pointed, 15 Fr.,
sterile, for single use, package of 10 |
| 011052-10 | **Coagulation Electrode**, bipolar, ball end, 15 Fr.,
sterile, for single use, package of 10 |
| 011053-10 | **Cutting Loop**, bipolar, longitudinal, 15 Fr.,
sterile, for single use, package of 10 |
| 26053R    | **MAZZON Cold Loop**, straight, 15 Fr. |
| 26053T    | **MAZZON Cold Loop**, rake-shaped, 15 Fr. |
| 26053U    | **MAZZON Cold Loop**, knife-shaped, 15 Fr. |
Intrauterine HF Surgery with the Bipolar 7 mm Resectoscope – for use with AUTOCON® III 400

26020FA  HOPKINS® Telescope 12°, enlarged view, diameter 2.9 mm, length 30 cm, autoclavable, fiber optic light transmission incorporated, color code: black

26055EB  Working Element, bipolar

26055SC  Resectoscope Sheath, 22 Fr., oblique beak

26055CB  Inner Sheath, for Resectoscope Sheath 26055SC, 22 Fr.

26055CO  Standard Obturator

280  Protection Tube, for sterilization and storage of electrodes, loops, curettes and knives

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Intrauterine HF Surgery with the Bipolar 9 mm Resectoscope – for use with AUTOCON® III 400

26105FA  **HOPKINS® Telescope 12°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

26040EB  **Working Element**, bipolar

26050SC  **Resectoscope Sheath**, 26 Fr., oblique beak

26050CA  **Inner Sheath**, for Resectoscope Sheath 26050SC, 26 Fr.

26040OC  **Standard Obturator**

280  **Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

<table>
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<td>26040JB1</td>
<td>011167-10</td>
<td>Cutting Loop, bipolar, longitudinal</td>
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</table>
The AUTOCON® III 400

UH400  AUTOCON® III 400 High-End, without CE certification, power supply 220-240 VAC, 50/60 Hz, including mains cord

UH400E AUTOCON® III 400 High-End, with CE certification, power supply 220-240 VAC, 50/60 Hz, including mains cord

UF902 Two-Pedal HF Footswitch, with button for switchover function, for use with HF generators

UH801 Bipolar High Frequency Cord, length 400 cm, for KARL STORZ AUTOCON® III 400 SCB, for use with KARL STORZ bipolar resectoscopes
It is recommended to check the suitability of the product for the intended procedure prior to use.
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.
Yes, I am interested in the solutions for operative hysteroscopy from KARL STORZ. Please send me a quote for:

- Intrauterine BIGATTI Shaver (IBS®)
- Bipolar Office Resectoscope (5 mm)
- Bipolar Resectoscope (7 mm)
- Bipolar Resectoscope (9 mm)
- AUTOCON® III 400 (UH400E)
- ENDOMAT® SELECT (UP220)
- HAMOU® ENDOMAT® (26331101-1)
- The following products: .................................................................
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  .......................................................................... (please specify the required products).

- I am interested in sites where I can see operative hysteroscopy with the IBS® in use.
- I am interested in sites where I can see operative hysteroscopy with the bipolar resectoscope in use:
  - 5 mm □
  - 7 mm □
  - 9 mm □

- Please arrange a visit from your sales representative.

My address:

Name, Title

Clinic, Department

Street

Zip Code, Town/City

Phone

Fax

E-mail

Signature
More than 75 Years

Shaping the Future of Endoscopy with you

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