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 used as a continuous-flow pump, 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
  - Optimized intervention time*
  - Increased safety, accessibility and patient satisfaction*
  - 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)
  - Lowers the risk of TUR syndrome when using saline solution

- 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

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. The use of saline solution in bipolar HF surgery minimizes 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
- In addition to 9 mm and 7 mm – also available in 5 mm

Bipolar resection of intrauterine tissue using a cutting loop
Bipolar resection of intrauterine tissue using a coagulation electrode
The 5 mm Office Resectoscope

Benefits

• Minimal outer diameter
  → Optimized intervention time*
  → Increased safety, accessibility and patient satisfaction*
  → Resection possible in the doctor’s office or clinical outpatient department without anesthetics
  → Less or no dilation necessary (depending on the patient)

• Can also be optionally used as a diagnostic hysteroscope in conjunction with 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 and can be used on its own as a single-flow pump or in conjunction with another ENDOMAT® SELECT as a continuous-flow pump.

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 a resectoscope or the IBS® shaver

- Flow-controlled suction for:
  - Diagnostic hysteroscopy
  - Intrauterine HF resection with a resectoscope
  - Mechanical resection with the IBS® shaver which enables the immediate suction of resected tissue

- Flow-controlled irrigation during:
  - 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 high-end HF unit from KARL STORZ provides user comfort and intuitive control. The 9" color touch screen display enables the user to select various modes and performance parameters. A footswitch allows settings 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 with the S-PILOT® from KARL STORZ
- 400 W unipolar and bipolar performance
- For interdisciplinary use
- Can be integrated into the KARL STORZ OR1™
### Intrauterine BIGATTI Shaver (IBS®) Components

**Order No.** | **Description** |
---|---
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**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
</table>
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

**Obturator**

**LUER-Lock Tube Connector**

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

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

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**Only 6 mm in diameter**
Motor System

26701001-1  **UNIDRIVE® S III SCB**

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

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**Continuous-Flow Pump System**, comprising two ENDOMAT® SELECT pumps

<table>
<thead>
<tr>
<th>Suction</th>
<th></th>
<th>ENDOMAT® SELECT</th>
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<tbody>
<tr>
<td>UP210</td>
<td></td>
<td>IBS® Shaver Software</td>
</tr>
<tr>
<td>UP603</td>
<td></td>
<td></td>
</tr>
<tr>
<td>030647-10*</td>
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<td>Tubing Set for Suction</td>
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<table>
<thead>
<tr>
<th>Irrigation</th>
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<th>ENDOMAT® SELECT</th>
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<tr>
<td>UP210</td>
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<td>HYSTEROSCOPY Software</td>
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<tr>
<td>UP602</td>
<td></td>
<td></td>
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<tr>
<td>031523-10*</td>
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<td>Tubing Set for Irrigation, pressure-controlled</td>
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<table>
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<tr>
<th>Accessories</th>
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<th>Tissue Trap Filter</th>
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<tbody>
<tr>
<td>030970-10*</td>
<td></td>
<td>STERILE</td>
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Intrauterine HF Surgery with the Bipolar 5 mm Office 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

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>011050-10*</td>
<td>Cutting Loop, bipolar, 15 Fr.,</td>
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<td>sterile, for single use, package of 10</td>
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<td>011051-10*</td>
<td>Cutting Electrode, bipolar, pointed, 15 Fr.,</td>
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<td>011052-10*</td>
<td>Coagulation Electrode, bipolar, ball end, 15 Fr.,</td>
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<tr>
<td>011053-10*</td>
<td>Cutting Loop, bipolar, longitudinal, 15 Fr.,</td>
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<td>26053R</td>
<td>MAZZON Cold Loop, straight, 15 Fr.</td>
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<tr>
<td>26053T</td>
<td>MAZZON Cold Loop, rake-shaped, 15 Fr.</td>
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<tr>
<td>26053U</td>
<td>MAZZON Cold Loop, knife-shaped, 15 Fr.</td>
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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

26055EBH  
Working Element Set, bipolar, including:  
Working Element  
2x Cutting Loops  
Cutting Electrode, pointed  
Coagulation Electrode, with ball end  
Bipolar High Frequency Cord  
Protection Tube

26055SCK  
Resectoscope Sheath, 22 Fr., oblique beak, rotating inner sheath

26055CO  
Standard Obturator

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>26055GP1</td>
<td>Cutting Loop, bipolar</td>
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<tr>
<td>26055NB</td>
<td>Coagulation Electrode, bipolar, with ball end</td>
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<tr>
<td>26055BL1</td>
<td>Cutting Electrode, bipolar, pointed</td>
</tr>
<tr>
<td>280</td>
<td>Protection Tube, for sterilization and storage of electrodes, loops, curettes and knives</td>
</tr>
</tbody>
</table>
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

26040EBH  **Working Element Set**, bipolar, including:
- **Working Element**, bipolar
- 2x **Cutting Loops**, bipolar
- **Cutting Electrode**, bipolar, pointed
- **Coagulation Electrode HALF MOON®,** with ball end
- **Bipolar High Frequency Cord**
- **Protection Tube**

26050SCK  **Resectoscope Sheath**, 26 Fr., oblique beak, rotating inner sheath

26040OC  **Standard Obturator**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>26040GP1</td>
<td>Cutting Loop, bipolar</td>
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<tr>
<td>26040NB</td>
<td>Coagulation Electrode, HALF MOON®, bipolar</td>
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<tr>
<td>26040BL1</td>
<td>Cutting Electrode, bipolar, pointed</td>
</tr>
<tr>
<td>26040JB1</td>
<td>Cutting Loop, bipolar, longitudinal</td>
</tr>
<tr>
<td>280</td>
<td>Protection Tube, for sterilization and storage of electrodes, loops, curettes and knives</td>
</tr>
</tbody>
</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

**UH400**  
**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 (UP210)
- The following products: .................................................................
  ..................................................................................................
  .................................................................................... (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