Highlights 2019
Units
ENDOMAT® SELECT – The Choice is Yours

ENDOMAT® SELECT is an interdisciplinary roller pump for the irrigation or suction of fluids during surgical and diagnostic procedures. Depending on customer preferences, the pump can be equipped with various software packages so that it can be used for either individual or multiple disciplines.

Benefits at a glance:

- Cost-efficient pump as modular design supports basic functionality across various fields of application
- Extremely simple handling thanks to tubing set for single hand control
- Safe use thanks to tubing set recognition
- Seamless integration into existing systems
- Software allows fields of application to be expanded at any time
ENDOMAT® SELECT SCB,
suction and irrigation pump, incl. mains cord,
power supply 100-240 VAC, 50/60 Hz

SURGERY Software, license,
allows selection of the procedures “LAP”, “THOR” and “PROCTO”,
for use with ENDOMAT® SELECT UP 210

HYSTEROSCOPY Software, license,
allows selection of the procedure “HYS”,
for use with ENDOMAT® SELECT UP 210

IBS® Shaver Software, license,
allows selection of the procedure “IBS®”,
for use with ENDOMAT® SELECT UP 210

UROLOGY Software, license,
allows selection of the procedures “CYST”, “RES”, “URS”, “CALCUSON” and “PCN”,
for use with ENDOMAT® SELECT UP 210

ARTHROSCOPY Software, license,
allows selection of the procedures “KNEE”, “HIP”, “SHOULDER” and “SMALL JOINTS”,
for use with ENDOMAT® SELECT UP 210

ENT/NEURO Software, license,
allows selection of the procedure “CLEARVISION®”,
for use with ENDOMAT® SELECT UP 210

SPINE Software, license,
allows selection of the procedures “LUMBAR” and “THORACAL”,
for use with ENDOMAT® SELECT UP 210

ADVANCED Package, software, license,
extends functions of installed software packages,
for use with ENDOMAT® SELECT UP 210

Tubing Set, irrigation, flow-controlled,
sterile, for single use, package of 10, for use with
HAMOU® ENDOMAT® 26 3311 20 and ENDOMAT® SELECT UP 210

Tubing Set, irrigation, pressure-controlled,
sterile, for single use, package of 10, for use with
HAMOU® ENDOMAT® 26 3311 20 and ENDOMAT® SELECT UP 210

Tubing Set, suction, direct suction,
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP 210

Tubing Set, suction, bottle suction,
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP 210

Tubing Set, irrigation, CLEARVISION®,
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP 210

Day sets and reusable tubing sets are also available. Please contact your KARL STORZ representative for further information.
ENDOFLATOR® 50 – The High-Performance Insufflator

Stable OR field thanks to innovative regulation

- Gas heating adapts to various ambient conditions and reliably prevents telescope fogging
- Maximum flow rate of up to 50 l/min
- In combination with the S-PILOT® smoke evacuation system, creates optimal viewing conditions and a stable OR field, even in small cavity surgery
UI 500 S1  **ENDOFLATOR® 50 SCB**, with integrated SCB module, power supply 100-240 VAC, 50/60 Hz including:

- **SCB Connecting Cable**, length 100 cm
- **Universal Wrench**
- **Heated Insufflation Tubing Set***, with gas filter, sterile, for single use, package of 3
- **HICAP® Trocar**, size 11 mm

031210-10*  **Insufflation Tubing Set with Gas Filter**, length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10, for use with ENDOFLATOR® 50
S-PILOT® – The Solution for Smoke Evacuation

- Enables smoke-free viewing during endoscopic interventions
- Modular design allows combination with any pressure-regulated insufflator
- Automatic activation with AUTOCON® III 400 and other HF units
UP 501 S1  **S-PILOT®,** including footswitch, power supply 100-240 VAC, 50/60 Hz
including:
- One-Pedal Footswitch
- Tubing Set Suction*, sterile, for single use, package of 5
- SCB Connecting Cable, length 100 cm

UP 501 S2  **S-PILOT®,** including footswitch, for use with UNIDRIVE® S III
including:
- Connecting Cable
- Tubing Set Suction*, sterile, for single use, package of 10

UP 501 S3  **S-PILOT®,** without footswitch, power supply 100-240 VAC, 50/60 Hz
including:
- Tubing Set Suction*, sterile, for single use, package of 5
- SCB Connecting Cable, length 100 cm

031447-10*  **Tubing Set,** for smoke, gas and fluid suction,
sterile, for single use, package of 10
for use with S-PILOT® (LAP)

031111-10*  **Smoke Evacuation Filter,** unsterile, for single use, package of 10

031457-10*  **Tubing Set,** for smoke, gas and fluid suction,
sterile, for single use, package of 10,
for use with S-PILOT® (URO/GYN)

UP 004  **S-PILOT® Connecting Cable,** diameter 3.5 mm, length 300 cm,
for use with AUTOCON® III 400 and ConMed System 2450 or 5000

UP 005  **S-PILOT® Connecting Cable,** diameter 2.5 mm, length 300 cm,
for use with Valleylab Force Triad or Valleylab Force FX
CALCULASE III – The End of the Stone Age

35 W holmium laser for urology

With the CALCULASE III, KARL STORZ is launching a new generation of desktop lasers on the market with an excellent price-performance ratio. Featuring a power rating of 35 W and optimized modes, such as the burst mode for reducing the repulsion of stone fragments, the laser offers everything required for successful lithotripsy.

- Improved performance of up to 35 Watts
- Enhanced energy spectrum from 0.2-4 Joules
- Higher frequency from 4-30 Hertz
- Optimized pulse modes
- RFID fiber identification
- 10“ touch screen for ease of use
35 W Holmium Laser

UL 300-1  CALCULASE III, holmium laser system, power supply 230 VAC, 50/60 Hz

The following accessories are included in delivery:
- Mains Cord
- One-Pedal Footswitch
- Key Set
- Remote Interlock Connector
- Safety Goggles Ho:YAG LASER, suitable for 2080 nm
- Ion Exchanger

Optional Accessories

27 750095  Safety Goggles Ho:YAG LASER, suitable for 2080 nm
27 750092  Warning Sign, German language, to designate laser areas
27 750093  Warning Sign, English language, to designate laser areas
27 750280  Fiber Stripper Set, sterilizable

Laser Fibers

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>reusable</th>
<th>for single use</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCULASE III Fiber, 230 μm, length 300 cm, package of 6, for use with CALCULASE III</td>
<td>UL 007 S5</td>
<td>UL 004 S5</td>
</tr>
<tr>
<td>CALCULASE III Fiber, 365 μm, length 300 cm, package of 6, for use with CALCULASE III</td>
<td>UL 008 S5</td>
<td>UL 005 S5</td>
</tr>
<tr>
<td>CALCULASE III Fiber, 600 μm, length 300 cm, package of 6, for use with CALCULASE III</td>
<td>UL 009 S5</td>
<td>UL 006 S5</td>
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</tbody>
</table>
AUTOCON® III 400
Innovative, Intelligent, Intuitive

With the third generation of the AUTOCON® family, KARL STORZ brings high frequency surgery to a new level. The high-end generator AUTOCON® III 400 is perfectly designed for use with both bipolar and unipolar instruments. Thanks to the special mode optimized for bipolar ROBI® and resection instruments from KARL STORZ, the power output is perfectly harmonized with instrument properties and tissue applications for a top performance.

Benefits at a glance:

- The best hygiene conditions thanks to smooth touch screen surfaces
- Maximum user comfort thanks to high-resolution touch display and intuitive use
- Interdisciplinary use thanks to preprogrammed and individually adjustable procedures for all specialties
- Particularly suitable for bipolar techniques in urology
- Can be combined with S-PILOT® for automatic smoke evacuation
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UH 400</td>
<td><strong>AUTOCON® III 400 High-End</strong>, power supply 220-240 VAC, 50/60 Hz, can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU 300 including:</td>
</tr>
<tr>
<td></td>
<td><strong>Mains Cord</strong></td>
</tr>
<tr>
<td>UH 400 U</td>
<td><strong>Same</strong>, power supply 100-127 VAC</td>
</tr>
<tr>
<td>UF 902</td>
<td><strong>Two-Pedal HF Footswitch</strong>, with button for switchover function, for use with HF generators</td>
</tr>
<tr>
<td>UF 901</td>
<td><strong>One-Pedal Footswitch</strong>, with button for switchover function, for use with HF generators</td>
</tr>
<tr>
<td>26176 LE</td>
<td><strong>Bipolar High Frequency Cord</strong>, length 300 cm, for use with AUTOCON® III 300/400, AUTOCON® II 400 SCB series (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, Coagulator 26021 B/C/D, 860021 B/C/D, 27810 B/C/D, 28810 B/C/D, AUTOCON® series (50, 200, 350), Erbe coagulator, T and ICC series</td>
</tr>
<tr>
<td>UH 801</td>
<td><strong>Bipolar High Frequency Cord</strong>, length 400 cm, for KARL STORZ AUTOCON® III 400 SCB, for use with KARL STORZ bipolar resectoscopes</td>
</tr>
<tr>
<td>27805</td>
<td><strong>Neutral Electrode</strong>, made of conductive silicone, with 2 rubber ties for fastening</td>
</tr>
<tr>
<td>27806 UR</td>
<td><strong>Neutral Electrode Connecting Cable</strong>, for neutral electrode</td>
</tr>
<tr>
<td>27802</td>
<td><strong>Neutral Electrode</strong>, contact surface divided into two, ( A = 169 \text{ cm}^2 ), for single use, package of 50</td>
</tr>
<tr>
<td>27806 US</td>
<td><strong>Neutral Electrode Connecting Cable</strong>, for Neutral Electrode 27802</td>
</tr>
</tbody>
</table>
AUTOCON® III 300 – A Generator for all Standard Applications

With a maximum output of unipolar 400 Watts and bipolar 200 Watts, AUTOCON® III 300 offers all the basic functions required in electrosurgery. One unipolar and one bipolar socket is now available for electrosurgical cutting and coagulation in various specialties.

Benefits at a glance:

- The best hygiene conditions thanks to smooth touch screen surfaces
- Maximum user comfort thanks to high-resolution touch display and intuitive use
- Interdisciplinary use thanks to presettings and individually adjustable procedures for nearly all specialties
- Particularly suitable for use in gastroenterology and arthroscopy due to specially developed modes for these specialties
- Can be combined with S-PILOT® for automatic smoke evacuation
- Can be combined with AUTOCON® III ARGON for argon-assisted surgery
UH 300 AUTOCON® III 300, power supply 220-240 VAC, 50/60 Hz can be integrated into OR1™ with KARL STORZ OR1™ SCB CONTROL WU 300 including:
Mains Cord

UH 300 U Same, power supply 100-127 VAC

UF 902 Two-Pedal Footswitch, with button for switchover function, for use with HF generators

UF 901 One-Pedal Footswitch, with button for switchover function, for use with HF generators

26002 GI Unipolar High Frequency Cord, with 4 mm plug and 3 mm bush on instrument side

28802 HG Handle for Vaporization Electrodes, reusable, for use with AUTOCON® III 300 and Vaporization Electrodes 010151-10, 010152-10, 010153-10, 010154-10, 010155-10, 010156-10, 010157-10, 010158-10

28802 HS Handle for Vaporization Electrodes, small, reusable, for use with AUTOCON® III 300 and Vaporization Electrodes 010151-10, 010152-10, 010153-10, 010154-10, 010155-10, 010156-10, 010157-10, 010158-10

UH 500 AUTOCON® III ARGON, power supply 100-240 VAC, 50/60 Hz including:
Mains Cord
Unit Connecting Cable

27805 Neutral Electrode, made of conductive silicone, with 2 rubber ties for fastening

27806 UR Neutral Electrode Connecting Cable, for neutral electrode

27802 Neutral Electrode, contact surface divided into two, A = 169 cm², for single use, package of 50

27806 US Neutral Electrode Connecting Cable, for Neutral Electrode 27802
AUTOCON® III ARGON

Module for argon-enhanced surgery

The AUTOCON® III ARGON module, in conjunction with the AUTOCON® III 300 or AUTOCON® III 400 HF generators, offers the possibility of argon-enhanced surgery for non-contact coagulation and cutting. In combination with the AUTOCON® III high frequency generator, an electrical plasma beam is produced that is particularly well suited for the targeted coagulation of large-scale bleeding.

Benefits at a glance:

- Fast and non-contact coagulation of large-scale surfaces without tissue adhesion to the electrode and with optimal protection against perforation
- Easy connectivity to the AUTOCON® III 300 and AUTOCON® III 400 generators provides maximum user comfort thanks to high-resolution touch display
- Clear visibility and less odor nuisance due to smoke-free coagulation
AUTOCON® III ARGON, power supply 100-240 VAC, 50/60 Hz
including:
Mains Cord
Unit Connecting Cable

Connecting Cable for Flexible Argon Probes, length 250 cm, with RFID coding system, for KARL STORZ AUTOCON® III ARGON in conjunction with AUTOCON® III 300 or AUTOCON® III 400

Gas Filter, with male and female Luer-Locks, sterile, for single use, package of 50, for use with AUTOCON® III ARGON

Argon Pressure Reducer Tube, DIN 477 No. 10, connection suitable for the following countries: Germany, Netherlands, Northern Europe, for use with AUTOCON® III ARGON

Argon Pressure Reducer Tube, CGA No. 580, connection suitable for the following countries: America, Far East, Italy, UAE, for use with AUTOCON® III ARGON

Argon Pressure Reducer Tube, BS 341 No. 3, connection suitable for the following countries: Commonwealth, Turkey, for use with AUTOCON® III ARGON

AUTOCON® III 400 High-End, power supply 220-240 VAC, 50/60 Hz, including:
Mains Cord

Same, power supply 100-127 VAC, 50/60 Hz

AUTOCON® III 300, power supply 220-240 VAC, 50/60 Hz, including:
Mains Cord

Same, power supply 100-127 VAC, 50/60 Hz

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

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

Neutral Electrode, made of conductive silicone, with 2 rubber ties for fastening

Neutral Electrode Connecting Cable, for use with Neutral Electrode 27805

Neutral Electrode, contact surface divided into two, A = 169 cm², for single use, package of 50

Neutral Electrode Connecting Cable, for use with Neutral Electrode 27802

Argon gas must be readily available in order to perform argon-assisted surgery.
Imaging and OR Integration

KARL STORZ OR1™
Future-oriented integration meets innovative data management

KARL STORZ SE & Co. KG, Dr.-Karl-Storz-Straße 34, 78532 Tuttlingen/Germany
www.karlstorz.com
It is recommended to check the suitability of the product for the intended procedure prior to use.

Further information and an overview of UNITS products from KARL STORZ can be viewed on

www.karlstorz.com
in the Human Medicine section,
UNITS