Arthroscopic Vaporization Electrodes

Meeting your requirements in arthroscopic procedures

The KARL STORZ AUTOCON® III 300 is an interdisciplinary high-frequency generator with a maximum output of 400 Watts in unipolar mode and 200 Watts in bipolar mode. It offers various modes for vaporization, cutting and coagulation.

Benefits of the AUTOCON® III 300:

- Smooth touch screen surface for easy cleaning
- Intuitive use thanks to high-resolution touch display
- Interdisciplinary use and individually adjustable procedures
- Factory pre-sets
- Operating frequency – 350 kHz/1 Mhz
- Bipolar cutting mode – max 200 W, 5 effects available
- Bipolar coagulation – max 80 W, 3 effects available
The bipolar vaporization electrodes with reusable handles were designed for the cutting, vaporization and coagulation of soft tissue in NaCl irrigation solution.

The special design of the electrodes with suction maximizes tactile feedback, allows bubbles and vaporization byproducts to be removed and minimizes clogging. 90° electrodes maximize the area of tissue contact with the distal tip and provide rapid tissue debulking. When contact is made with tissue, an arc is created that results in rapid vaporization with minimal heat generation so that the surrounding tissue is preserved.

The bipolar mode allows work without a neutral electrode. Furthermore, angled electrodes facilitate access to difficult-to-reach areas.

The combination of electrodes with reusable handles offers a cost-effective package for daily work in the OR.

**Standard length:**

150 mm

Benefits of bipolar vaporization electrodes:

- Reusable handles (standard and small size) with bipolar cable
- Sterile electrodes, for single use, delivered in packages of 10
- Electrodes with 90°, 70° and 45° angled distal tips
- One extra-long electrode with a working length of 180 mm, sterile, for single use
- Two electrodes with various hook sizes, sterile, for single use
- Can be activated via footswitch
Bipolar arthroscopic electrode (sheath diameter 5 mm) with suction, 90°, length 150 mm – sterile, for single use. Cutting and coagulation mode, for efficient tissue removal in the shoulder and knee.

Bipolar arthroscopic electrode (sheath diameter 5 mm) with suction, 45°, length 150 mm – sterile, for single use. Cutting and coagulation mode, for efficient tissue removal, ideal for difficult-to-reach areas of the knee.

Bipolar arthroscopic electrode (sheath diameter 5 mm, double curved) with suction, 45°, length 150 mm – sterile, for single use. Cutting and coagulation mode, for precise soft tissue removal in narrow or difficult-to-reach areas of the hip or knee.

Bipolar arthroscopic electrode (sheath diameter 5 mm, double curved) with suction, 45°, length 180 mm – sterile, for single use. Cutting and coagulation mode, for precise soft tissue removal in difficult-to-reach areas of the hip.
Bipolar arthroscopic electrode (sheath diameter 4 mm), 70°, length 150 mm – sterile, for single use. Cutting and coagulation mode for the knee and shoulder.

Bipolar arthroscopic hook electrode (sheath diameter 3.3 mm), 90°, length 150 mm – sterile, for single use. For tissue cutting only, with a short tip.

Bipolar arthroscopic hook electrode (sheath diameter 4 mm), 90°, length 150 mm – sterile, for single use. For tissue cutting only, reinforced, with a long tip.

Bipolar arthroscopic electrode (sheath diameter 5 mm), 90°, length 150 mm – sterile, for single use. Cutting and coagulation mode for the shoulder and knee.
## Bipolar Arthroscopic Electrodes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>010151-10</td>
<td><strong>Vaporization Electrode with Suction, 90°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010156-10</td>
<td><strong>Vaporization Electrode with Suction, 45°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010155-10</td>
<td><strong>Vaporization Electrode with Suction, 45°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010158-10</td>
<td><strong>Vaporization Electrode with Suction, 45°</strong>, 180 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010152-10</td>
<td><strong>Vaporization Electrode without Suction, 70°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010153-10</td>
<td><strong>Hook Electrode, fine, 90°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010154-10</td>
<td><strong>Hook Electrode 90°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
<tr>
<td>010157-10</td>
<td><strong>Vaporization Electrode without Suction, 90°</strong>, 150 mm,</td>
<td>sterile, for single use, package of 10, for use with Handle 28802 HG/HS</td>
</tr>
</tbody>
</table>
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

Each reusable handle is delivered with an international bipolar cable

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**UH 300**  AUTOCON® III 300, power supply 200-240 VAC, 50/60 Hz, including mains cord, HF connecting sockets unipolar: 3-pin US type, 5 mm connector KARL STORZ/Erbe VIO bipolar: 2-pin US type (28.58 mm), 2x KARL STORZ/Erbe VIO, neutral electrode 2-pin, can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU 300.

System requirements: SCB R-UI Software Release 20090001-46 or higher

**UH 300 U**  AUTOCON® III 300, power supply 100-127 VAC, 50/60 Hz, including mains cord, HF connecting sockets unipolar: 3-pin US type, 5 mm connector KARL STORZ/Erbe VIO bipolar: 2-pin US type (28.58 mm), 2x KARL STORZ/Erbe VIO, neutral electrode 2-pin, can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU 300.

System requirements: SCB R-UI Software Release 20090001-46 or higher

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

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