An Innovative Leader in GI Endoscopy

The VIO® 200 S unit offers proprietary voltage control:

- **Constant Voltage Regulation with Power Dosing** automatically delivers lowest effective adjusted power output in all modes, including both CUT and COAG
  - Power Peak System™, PPS, offers optimal support during the initial cutting stage, especially low contact impedance situations, allowing the electrode to start in contact with target tissue without cutting delay

- **Spark Recognition** automatically detects the formation of micro-electric arcs (sparks) for controlled and reproducible cuts, e.g. length and quality
  - Spark Regulation (micro-electric arcs) for reproducible, efficient cuts in tissue with high or extremely low impedance

![VIO® 200 S](image)

**FEATURES, BENEFITS AND MODES**

- **VIQ® technology** – Logical, simple, and easy to use
- **ENDO CUT® I and Q** for use with snare wires and sphincterotomes
- **User-Friendly Interface FocusView** – reduces the visual information to the essentials, simplifying the operation of the unit
- **Up to 9 storable programs**
- **Audio and Visual Error Recognition System**
- **Compatible with APC™ module utilizing FORCED APC™**
- **Effect settings for each Mode**
- **CUT Modes**
  - Cutting results are largely independent of the cutting speed, the shape of the electrode and the tissue type
  - ENDO CUT® I, ENDO CUT® Q, AUTO CUT®
- **COAG Modes**
  - Power adjustment as a result of voltage control for reproducible coagulation with optimally adjusted output
  - FORCED COAG®, SOFT COAG®, BIPOLAR SOFT COAG™

*Not compatible with PULSED APC® and PRECISE APC®*
# VIO® 200S

## Product Data

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10140-400</td>
<td>VIO® 200 S Electrosurgical Unit, 120V/60Hz UL</td>
</tr>
<tr>
<td>20189-304</td>
<td>VIO Two Pedal Footswitch with Bracket, AP and IP X8 Equipment</td>
</tr>
<tr>
<td>20183-053</td>
<td>Adapter for BICAP or Gold Probe™</td>
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### Optional

<table>
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<tr>
<th>Part Numbers</th>
<th>Description</th>
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<tbody>
<tr>
<td>20193-084</td>
<td>NESSY® Omega Monitoring Pad with Cable (50 per case)</td>
</tr>
<tr>
<td>7910-1006</td>
<td>ESU Cart</td>
</tr>
<tr>
<td>20180-000</td>
<td>VIO Cart with Footswitch Holder, Cable Wrap and 1 Tank Fixation Kit</td>
</tr>
<tr>
<td>20180-010</td>
<td>VIO Cart Wire Basket</td>
</tr>
<tr>
<td>20180-131</td>
<td>VIO / APC™ 2 to VIO Cart Fastening Set (with Grounding Cable)</td>
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</tbody>
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## General Technical Data

### Power Output

- **Maximum Cut output**: 200 Watts for 500 Ohms
- **Maximum Coag output**: Up to 120 Watts
- **Safety system**: NESSY
- **Frequency**: 350 kHz

### Power Connection

- **Supply voltage**: 100 V–120 V / 220 V–240 V ±10 %
- **Frequency**: 50/60 Hz
- **Main current**: Max. 8 A / 4 A
- **Power input during stand-by**: 40 Watts
- **Power input during max. electrosurgical output**: 500 Watts / 920 VA
- **Potential equalization connection**: Yes
- **Fuse**: T 8 A / T 4 A

### Dimensions and Weight

- **Width x Height x Depth**: 410 x 165 x 380 mm / 16.1" x 6.5" x 15.0"
- **Weight**: 19 lbs., 14 oz.

### Ambient conditions for operation of unit

- **Temperature**: +10°C to +40°C / 50°F to 104°F
- **Relative humidity**: 15% – 80%