ENDOSCOPIC CO₂ REGULATION UNIT

UCR

Exploiting CO₂’s Ability to Minimize Luminal Distension, the UCR Features Easy Operation, a Selectable Flow Rate, and a Compact Design
Main Features

- About 150 times faster than conventional air, carbon dioxide’s rapid absorption properties keep abdominal distension and related pain to a minimum during the procedure and speed up recovery afterwards.

- Easy, reliable one-button start/stop operation, pressure display, and timer function to automate CO₂ insufflation shutoff.

- Compact design allows the UCR to fit easily on an endoscopic workstation.

- Three controlled flow rate settings are available, by using the appropriate corresponding tubing. Tubes are optional.

Rapid absorption of CO₂ gas
Carbon dioxide is absorbed by human tissue about 150 times faster than conventional air.

With CO₂ insufflation
Right after insufflation 2 minutes later
*Sample image demonstrates absorption rate following CO₂ insufflation. Individual results may vary.

Specifications

<table>
<thead>
<tr>
<th>Power Requirements</th>
<th>Voltage (AC)</th>
<th>100–120 V (USA), 100–240 V (Other areas)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>Input</td>
<td>40 VA</td>
</tr>
<tr>
<td></td>
<td>Voltage fluctuation</td>
<td>Within ±10%</td>
</tr>
<tr>
<td>Dimensions</td>
<td>125 (W) x 300 (D) x 150 (H) mm (housing dimensions)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>4.9 kg</td>
<td></td>
</tr>
<tr>
<td>Applicable Gas</td>
<td>CO₂ for medical use (Connectable to CO₂ cylinder or medical gas pipeline)</td>
<td></td>
</tr>
<tr>
<td>Air Feeding Pressure</td>
<td>Maximum pressure feed 45 kPa</td>
<td></td>
</tr>
</tbody>
</table>

System Chart

Hose for medical gas pipeline
Medical gas pipeline facility
Medical gas pipeline adapter (MAJ-1084, MAJ-1085)
CO₂ gas cylinder
Cylinder hose (PIN) (MAJ-1080)
Cylinder hose (DIM) (MAJ-1081)
Cylinder hose (IGD) (MAJ-1082)
Endoscopic CO₂ regulation unit (UCR)
Endoscope (100 series, EVB 140 series, EVB EXERA II 165/160 series, EVB 240 series, EVB LUCERA 260 series, DES 40 series) *
* Gastrointestinal fiberscope/visioscope, Esophageal fiberscope/scope, Small intestinal fiberscope, Colonoscope/visioscope, Biopsy instruments/visioscope, Gastroscope/visioscope are compatible. EVB SIGMA/visioscope POF type S, some products are not available in some areas.
Endoscope (MAJ-1761)
Gas tube (MAJ-1742)
Extra low flow gas tube (MAJ-1816)
Water container (MAJ-902, MH-970)

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.