PENTAX Medical is committed to improving the quality of patient care and productivity of healthcare delivery around the globe by providing the best endoscopic products and services, with a focus on clinically relevant innovation, simplicity, and quality.

The CO₂ Solution for GI Endoscopy

The PENTAX Medical CO₂ Insufflator is a versatile system that connects to either a wall or tank CO₂ source. Combined with the full line of the disposable PENTAX Medical DispoCap CO₂, the PENTAX Medical CO₂ Insufflator allows clinicians to offer the optimal procedure for the patient.

The PENTAX Medical CO₂ Insufflator offers a complete range of CO₂ solutions to suit individual facility needs for PENTAX Medical GI endoscopes. With direct connection to sterile water and any CO₂ tank or wall source – PENTAX Medical CO₂ Insufflator has the comprehensive solution for your facility and patients.

Benefits of Using CO₂

• CO₂ is easier on the patient both during and after the procedure due to rapid absorption by surrounding tissue.¹
• Minimises patient discomfort associated with bloating and cramping from room air.¹
• Less sedation required during the procedure.²
• Reduces the number of patients that need to be seen by the physician in recovery.²

Daily Use PENTAX Medical DispoCap CO₂ Full disposable system minimises infection control risks.

Warm Water Technology

Deliver irrigation for GI endoscopy procedures with a warm water option by utilising the PENTAX Medical Irrigation Pump. Combine the pump with PENTAX Medical GI endoscopes and irrigate through the auxiliary water jet or biopsy channel to improve procedural visibility.

• Greater visibility for improved diagnosis and polyp detection
• Auxiliary water jet or biopsy channel irrigation capability
• Warm water technology
• Compatible with PENTAX Medical Irrigation Tubing and Connectors
• Easy to use water bottle cradle
• Automatic prime button provides instant irrigation upon foot pedal depression

² Author: Miroslaw Szura, MD PhD, Rafal Solecki, MD PhD, Krzysztof Bucki, MD, Andrzej Matyja, MD PhD. MEDICINA Specialist Diagnostic & Therapeutic Centre Title: Helpfulness of Carbon Dioxide Insufflation During Colonoscopy - SAGES 2011 Program Number P211

CO₂ Insufflator Features

- Units are stackable for convenient tubing connection
- Gas Inlet
  - D or E CO₂ Tank, DISS wall connection
- Operating Modes
  - Low, Medium, and High CO₂ Flow Rates
- Heated CO₂ Maintains 98.6°F
- Dual Inline Pressure Regulators
  - with additional mechanical pressure relief
- Flow Rate
  - Auxiliary water port: 0-280 ml/min
  - Biopsy channel: 0-600 ml/min
- Prime Button
  - Runs the pump for 20 seconds allowing the user to prime the tube set without pressing foot pedal

Irrigation Pump Features

- Safety Start Feature
  - The unit will not operate unless the pump head is closed
- Water Warming Angled Bottle Holder
  - Maintains 98.6°F water temperature

Specifications

PENTAX Medical CO₂ Insufflation

<table>
<thead>
<tr>
<th>REF#</th>
<th>EGA-501P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (mm)</td>
<td>197x121x349</td>
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<tr>
<td>Weight (Kg)</td>
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<tr>
<td>Power Requirements (V)</td>
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PENTAX Medical Irrigation Pump

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Easy Set up and Installation

1. Choose a CO₂ Source
2. Connect Hose and Tubing to Insufflator
3. Ready for Procedure

Compatible Accessories

- Tubing
  - REF# 100150CO2P PENTAX Medical DispoCap CO₂
  - REF# 100160P PENTAX Medical DispoCap Air
  - REF# 100130P PENTAX Medical Irrigation Tubing for EGA-500P
  - REF# 100551P PENTAX Medical CO₂ Source Tubing

- Connectors
  - REF# 100116P PENTAX Medical 24hr Use Waterjet Connector
  - REF# 100242P PENTAX Medical Single Use Waterjet Connector