PENTAX Medical
CO₂ Insufflator and Irrigation Pump
The CO₂ Solution for GI Endoscopy

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.

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

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

CO₂ Insufflator Features
- Units are stackable for convenient tubing connection
- Operating Modes: Low, Medium, and High CO₂ Flow Rates
- Gas Inlet D or E CO₂ Tank, DISS wall connection
- Dual Inline Pressure Regulators with additional mechanical pressure relief
- Heated CO₂ Maintains 98.6°F

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

Specifications
- PENTAX Medical CO₂ Insufflation
- Dimensions (mm): 197x121x349
- Weight (Kg): 4.8
- Power Requirements (V): 100-240

- PENTAX Medical Irrigation Pump
- Dimensions (mm): 197x121x349
- Weight (Kg): 4.8
- Power Requirements (V): 100-240
- Max Flow Rate: Auxiliary Water Channel (ml/min): 0-300; Biopsy Channel (ml/min): 0-600

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

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