

**PENTAX** Medical  
CO<sub>2</sub> Insufflator and Irrigation Pump



**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 CO<sub>2</sub> Solution for GI Endoscopy

The PENTAX Medical CO<sub>2</sub> Insufflator is a versatile system that connects to either a wall or tank CO<sub>2</sub> source. Combined with the full line of the disposable PENTAX Medical DispoCap CO<sub>2</sub>, the PENTAX Medical CO<sub>2</sub> Insufflator allows clinicians to offer the optimal procedure for the patient.

The PENTAX Medical CO<sub>2</sub> Insufflator offers a complete range of CO<sub>2</sub> solutions to suit individual facility needs for PENTAX Medical GI endoscopes. With direct connection to sterile water and any CO<sub>2</sub> tank or wall source – PENTAX Medical CO<sub>2</sub> Insufflator has the comprehensive solution for your facility and patients.

### Benefits of Using CO<sub>2</sub>

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



Daily Use PENTAX Medical DispoCap CO<sub>2</sub> Full disposable system minimises infection control risks.

## Warm Water Technology

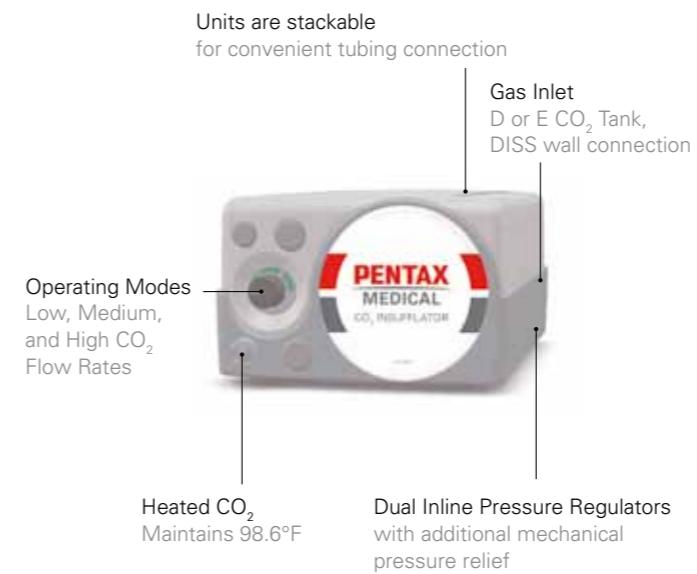
Deliver irrigation for GI endoscopy procedures with a warm water option by utilising the PENTAX Medical Irrigation Pump. Combine the pump with PENTAX Medical GI endoscopes and irrigate through the auxiliary water jet or biopsy channel to improve procedural visibility.

- 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

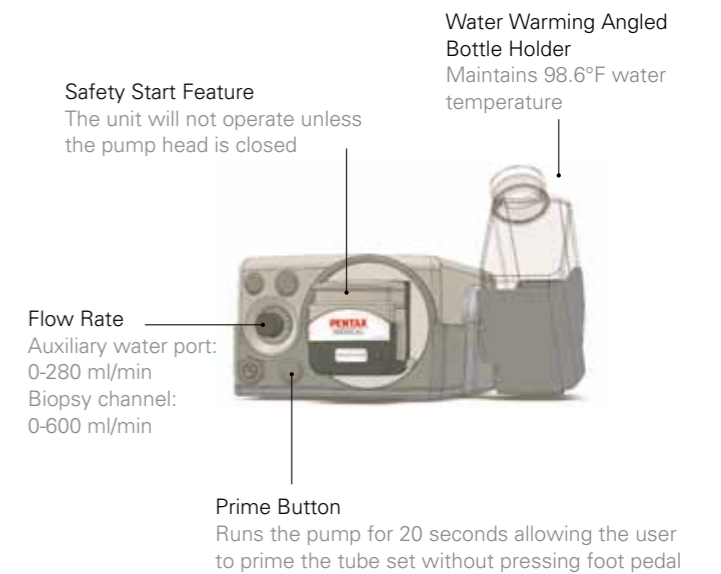


Auxiliary Water Jet Connection

### CO<sub>2</sub> Insufflator Features



### Irrigation Pump Features



### Specifications

#### PENTAX Medical CO<sub>2</sub> Insufflation

REF#	EGA-501P
Dimensions [mm]	197x 121x 349
Weight [Kg]	4.8
Power Requirements [V]	100-240

#### PENTAX Medical Irrigation Pump

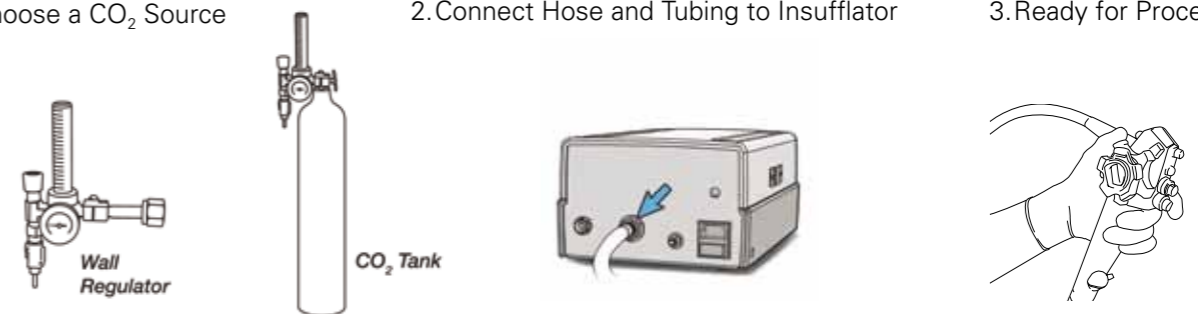
REF#	EGA-500P
Dimensions [mm]	197x 121x 349
Weight [Kg]	4.8
Power Requirements [V]	100-240
Max Flow Rate:	
Auxiliary Water Channel [ml/min]	0-300
Biopsy Channel [ml/min]	0-600

### Easy Set Up and Installation

1. Choose a CO<sub>2</sub> Source

2. Connect Hose and Tubing to Insufflator

3. Ready for Procedure



### Compatible Accessories

#### Tubing

REF# 100150CO2P	PENTAX Medical DispoCap CO <sub>2</sub>
REF # 100160P	PENTAX Medical DispoCap Air
REF# 100130P	PENTAX Medical Irrigation Tubing for EGA-500P
REF# 100551P	PENTAX Medical CO <sub>2</sub> Source Tubing

#### Connectors

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

Source: 1. Dellon, E.S. (2009). The use of carbon dioxide for insufflation during GI endoscopy: a systematic review. *Gastrointestinal Endoscopy*, 69(4), 843-849.  
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

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