

PENTAX Medical
CO₂ 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 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

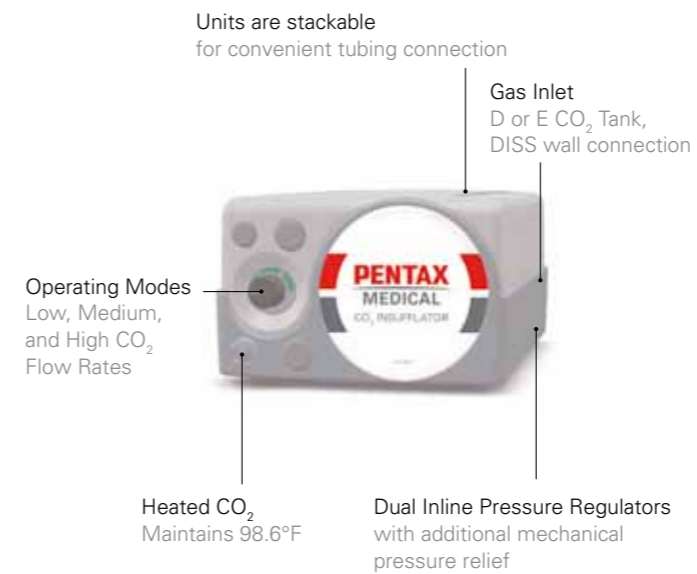
Deliver irrigation for GI endoscopy procedures with a warm water option by utilising the PENTAX Medical Irrigation Pump. Combine the pump with PENTAX Medical GI endoscopes and irrigate through the auxiliary water jet or biopsy channel to improve procedural visibility.

- 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

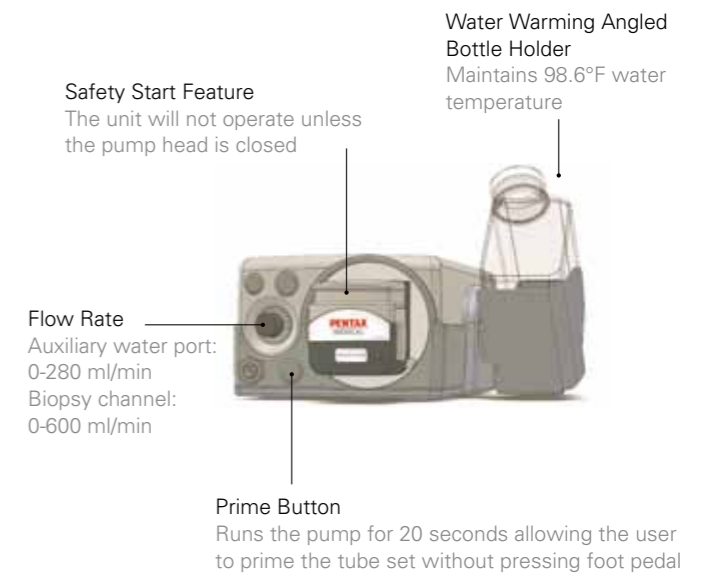


Auxiliary Water Jet Connection

CO₂ Insufflator Features



Irrigation Pump Features



Specifications

PENTAX Medical CO₂ Insufflation

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

PENTAX Medical Irrigation Pump

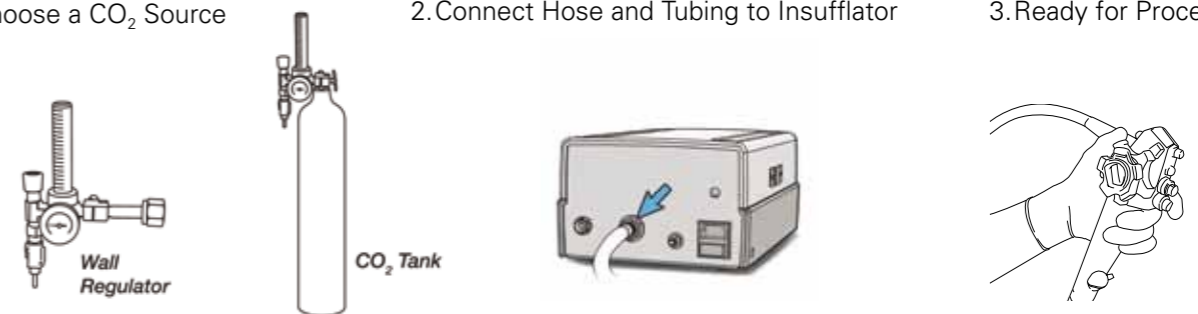
REF#	EGA-500P
Dimensions [mm]	197x 121x 349
Weight [Kg]	4.8
Power Requirements [V]	100-240
Max Flow Rate:	
Auxiliary Water Channel [ml/min]	0-300
Biopsy Channel [ml/min]	0-600

Easy Set Up and Installation

1. Choose a CO₂ Source

2. Connect Hose and Tubing to Insufflator

3. Ready for Procedure



Compatible Accessories

Tubing

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

PENTAX Europe GmbH
Julius-Vosseler-Straße 104
22527 Hamburg
Germany
Tel.: +49 40 / 5 61 92 - 0
Fax: +49 40 / 5 60 42 13
E-mail: medical@pentax.de

PENTAX U.K. Limited
PENTAX House
Heron Drive, Langley
Slough SL3 8PN
United Kingdom
Tel.: +44 17 53 / 79 27 33
Fax: +44 17 53 / 79 27 94
E-mail: medical@pentax.co.uk

PENTAX France Life Care S.A.S.
112 quai de Bezons
B.P. 204
95106 ARGENTEUIL CEDEX
France
Tel.: +33 1 / 30 25 94 78
Fax: +33 1 / 30 25 74 45
E-mail: contact.medical@pentax.fr

PENTAX Nederland B.V.
Amsterdamseweg 29
1420 CA Uithoorn
Netherlands
Tel.: +31 88 / 5 30 30 30
Fax: +31 88 / 5 30 30 40
E-mail: medical@pentax.nl

PENTAX Italia S.r.l.
Via Dione Cassio, 15
20138 Milano
Italy
Tel.: +39 / 02 50 99 58 1
Fax: +39 / 02 50 99 58 60
E-mail: marketing.lifecare@pentaxitalia.it

SIMMEDICA – Sistemas Integrales de Medicina, S.A.
Avenida del Sistema Solar 25
28830 San Fernando de Henares - Madrid
Spain
Tel.: +34 91 / 301 62 40
Fax: +34 91 / 751 31 15
E-mail: sim@simmedica.com

PENTAX Europe GmbH
Representative office in Moscow
Sadovnicheskaya str, 82, build 2, entrance 6
Regus, Business center „Aurora”
Office 2012, 2013
Moscow, 115035
Russian Federation
Tel.: +7 495 / 792 52 00
Fax: +7 495 / 792 35 66

PENTAX Turkey
Veko Giz Plaza, Meydan Sokak
No:3/43 343396
Maslak – Istanbul
Turkey
Tel.: +90 212 / 705 05 26
Fax: +90 212 / 705 05 00

HOYA Corporation
PENTAX Life Care Division
1-1-110, Tsutsujigaoka
Akishima-shi
196-0012 Tokyo
Japan
Tel.: +81 3 / 39 60 51 55
Fax: +81 3 / 53 92 67 24



Manufactured in the U. S. A. by: MEDIVATORS, 3150 Pollok Drive Conroe, TX 77303 U. S. A. Phone: +1-973-890-7220
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