Ideal for Long Endoscopic Procedures

The use of CO₂ insufflation can make long endoscopic exams such as ERCP, Enteroscopy and Colonoscopy more comfortable after the procedure has ended. Until now, these procedures were performed using standard room air from the light source, or with CO₂ in conjunction with cumbersome external regulators, flow meters and specialized valves.

Smart Design

CO₂EFFICIENT Endoscopic Insufflator eliminates the need for cumbersome attachments. Its attractive, compact design can easily be added to your existing endoscopy cart.

CO₂EFFICIENT’s proprietary “intelligent” software senses when CO₂ is not required by the clinician and reduces its flow. This allows a facility to use their standard Air/Water valves eliminating the use of specialized CO₂ valves.

Efficiency

• May quicken patient recovery times.¹
• Flow mode switch automatically allows optimal flow rate.
• Conserves gas when using Managed Flow Mode*. 
• Less time spent suctioning room air.
• Eliminates the need for specialized CO₂ valves.

*Patent pending.

CO₂ insufflation “significantly improves intubation depth and patient discomfort during DBE.” CO₂ insufflation “may lead to a higher diagnostic and therapeutic yield of DBE...” ²

An essential component for comfortable GI Endoscopy

A recent study on minimizing post-colonoscopy abdominal pain showed that 1 hour after colonoscopy, a majority of patients insufflated with room air had significant residual gas. The study showed that 94% of patients insufflated with carbon dioxide had only trace to minimal residual gas.4

Comfort and Safety

- CO₂ is absorbed 150 times faster than the nitrogen in air, and is promptly eliminated via the lungs.5
- Patients are not subjected to extended discomfort from bloating, cramping and the embarrassment associated with eliminating room air.
- Helps ensure patient safety through redundant pressure relief valves and automatic flow-stop features that protect against over-insufflation.

CO₂ insufflation during ERCP may “significantly reduce[] postprocedural abdominal pain.”3


References:
**CO₂EFFICIENT Endoscopic Insufflator**

- Over-pressure alarm and safety shutdown features help assure patient safety.
- No special utilities required: CO₂EFFICIENT uses standard medical grade (USP) “D” or “E” size carbon dioxide cylinders and CO₂ water bottle.**
- CO₂ display records the total volume delivered during the procedure and alerts the operator when the CO₂ cylinder is low.

**CO₂EFFICIENT Tubing Set**

- Simple connection and removal from CO₂EFFICIENT Insufflator.
- Hydrophobic filter design helps protect against cross-contamination.

**“E” Sized Cylinder Tank Cage**

- Mounts to most endoscopy carts for easy transport/storage.
- Swivel mount for easy tank exchange.

**Mobile Cart**

- Features storage for two CO₂ cylinders and numerous tubing sets.
- Great for moving from room to room.
- Storage for spare tubing sets, water bottles, etc.

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**Cat. No.**

**Description**

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<tr>
<th>Cat. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>710302</td>
<td>CO₂EFFICIENT Endoscopic Insufflator</td>
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<tr>
<td>710304</td>
<td>Insufflator Tubing Set</td>
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<tr>
<td>710305</td>
<td>Cylinder Tank Cage</td>
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<tr>
<td>390305</td>
<td>Mobile Cart</td>
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**Note:** This product requires the use of “CO₂” water bottles. Please contact your endoscope manufacturer for pricing and availability prior to arranging for a product demonstration or installation.