

# CO<sub>2</sub> Insufflator for virtual coloscopy

NEW

## Automatic insufflation of CO<sub>2</sub>

### Reliable, precise and patient-oriented

- Significant improvement of diagnostic results compared to manual room air insufflation
- Increase of comfort for patients due to protection against over pressure and guarantee of a faster resorption
- Easy setting of gas volume and pressure
- Automatic adjustment of over pressure
- Display of gas consumption
- Four adjustable flow rates according to patient requirements
- Preselection of pressure in mmHg

#### Technical specifications

Medium	CO <sub>2</sub> (medical)
Insufflation rate	<ul style="list-style-type: none"><li>■ approx. 1 l/min</li><li>■ approx. 2 l/min</li><li>■ approx. 4 l/min</li><li>■ automatic flow</li></ul>
Operating pressure	0–30 mmHg, infinitely variable

#### Main connection

Power supply	90–264 VAC
Frequency	50–60 Hz
Power consumption	45 VA

#### Dimension and weight

Dimensions (w x h x d)	380 x 180 x 341 mm (without gas bottle)
Weight	17.5 kg

#### Interfaces

To patient	Gas connection: conus
CO <sub>2</sub> connection	DIN



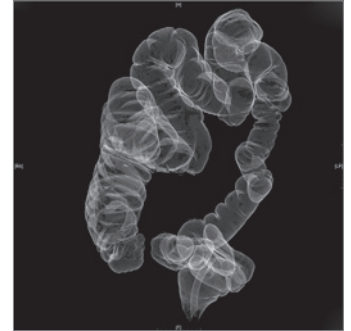
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## Virtual coloscopy

- Contactless examination method via CT scan
- Alternative for coloscopy via endoscope
- Condition for significant examination results: distention of the colon via insufflation
- Previous method: insufflation with room air via a handheld pump
  - ▶ Unwanted side-effect: pressure inside the colon too high as the user gets no information about the pressure level
- New method: insufflation with CO<sub>2</sub> via automatic insufflator
  - ▶ Constant pressure according to patient's requirements, considerably improved diagnostic results and increase of patient's comfort



### Application set for a safe and easy handling

Existing of

- Filter
- PVC hose
- Adaptor for intestinal tube (without intestinal tube)

### Accessory "Caddy" for space-saving and flexible arrangement

- With storage capacity for CO<sub>2</sub> bottles of max. 21 kg total weight
- Additional tray plus drawer as storage space



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