SonoScape

Enhancing Endoscopy Efficiency and Safety

Endoscopic CO_2 Insufflator

SCP-1



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SCP-1 is a high-performance endoscopic CO_2 insufflator within the SonoScape endoscopy solutions. It injects carbon dioxide gas into the gastrointestinal tract during endoscopic procedures, providing sufficient visibility and operational space for endoscopic diagnosis and treatment, which greatly enhances the efficiency and safety of endoscopic procedures.

Easy Operation

- 3-stage flow adjustment
- Real-time flow monitoring
- Automatic gas delivery timing
- Safe gas delivery with foot switch

Safety & Intelligence

- Dual-stage pressure reduction and inlet impurity filtration
- Low input gas pressure and high output gas pressure alarms

CO_2 Benefits

- Expands the gastrointestinal tract, providing better visibility
- Absorbed by the gastric mucosa, reducing patient discomfort
- Non-flammable gas, ensuring safety during electrosurgery

Compatibility

- Compatible with mainstream endoscope brands



Product Specification	
Flow Adjustment Range	Low: 1.25 L/min (± 0.25 L/min) Medium: 2.0 L/min (± 0.25 L/min) High: 4.0 L/min (± 0.25 L/min)
Timing Function	Adjustable timing function with 15, 30, 60, and 120-minute options, (± 10s)
Maximum Gas Output Pressure	45 kPa
Rated Voltage	100-240 V
Frequency	50/60 Hz
Input Power	20 VA

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ISO 13485 CE 0197

E-SCP-120251223