

Co₂ Insufflator

Co₂ 30L Advance



The latest technology and the easy operation have come to move the new Co₂ Insufflators into the top class of the newest generation. The ergonomic designed and logically arranged displays inform the user about all relevant values of the insufflations at any time.

Product Features

- High pressure Co₂ from the main cylinder can be connected direct to the insufflator.
- Micro controller based closed loop technology ensures precise control of pressure/flow parameters.
- Electronic memory retains last set values of pressure, flow rate and pumped gas volume.
- Inbuilt gas warmer provides warm Co₂ at trocar minimizing fogging and all disadvantages of chilled gas entering abdomen.
- Intermediate gas flow controller ensures stable abdominal distention during surgery.
- Functional and user-friendly design.
- Various safety features & meets quality standards.
- Rapid delivery of gas & provide immediate response for all procedures.

- Advance high speed microcontroller technology allow greater accuracy & measurement of Co₂.
- Over pressure alarm & pressure release systems help assure patient safety.
- Also available in 40L & 45L.

Salient Features

- Veress / trocar mode
- Separate digital display for actual value and set value of pressure and flow rate
- Pumped gas volume counter with Reset button
- Display for actual gas consumption & temperature
- Outlet gas temp with heater on indicator
- Co₂/Air mode button for emergency
- Co₂ gas status indicator

Available at:

XAVIER Med Pvt. Ltd.

16-2-741/9, Andhra Bank Colony,
Rishi Arcade, Moosarambagh, Hyderabad.
Ph: 8008895079, 8008895680

Performance Features

SOFTWARE

- Software controlled technology to initiate calibration of pressure and flow of system when insufflator is turn on.
- Software controlled pressure release mechanism to prevents excess pressure build up in abdomen.
Inbuilt gas warmer
- The Co₂ insufflator has unique heating systems that provides a constant temperature for the Co₂ to reduce chill effect of high flow insufflation & lenses telescope fogging.

ADVANCE FLOW CONTROL

- The Co₂ insufflator is highly adaptable advance flow control insufflation for precise and safe gas flow to meet patient requirement.
- Better precision for measurement of volume & flow of Co₂.
- The Co₂ has pressure range from 4 to 30 mm Hg.

SAFETY

- Special feature that assures a constant pressure of the Co₂.
- If actual pressure is more than set pressure, the system offers a rapid & instantaneous release over.

Technical Specification

PNEUMATICS

- Gas: Co₂ (Medical)
- Co₂ gas supply systems: UNF 7/16"
- Insufflation pressure Min. to Max.: 4 - 30 mm Hg (To an accuracy of 1 mm Hg)
- Flow rate min to max.: 1 to 30 Ltrs /Min continuous
- Internal over pressure release valve
- Output connection - 6 to 7 mm ID tube

INTERFACE

- 7 Segment display: Showing set & actual pressure, set & actual flow, temperature & Gas consumption
- Keyboard - feather touch

POWER SUPPLIES

- 110V / 230 VAC \pm 15% @ 50 - 60 HZ.
- Protection by fuse: 5A
- Power consumption - 125W Max with warmer else 20W Max

MECHANICS

- Enclosure: Metal Body
- Dimension: 300 (L) mm x 310 (W) mm x 130 (H) mm
- Weight: 6.5 kg

Standard Accessories



Mains Cord



Silicone Patient Tube
with Connector



High Pressure Tube
(Metal)



Double Head Spanner