



ENERTECH

CO₂ Insufflators

ENCO₂ 30L With Air

High Performance COST EFFECTIVE Technology

Micro controller based, Feather Touch, Digital System

The Enertech CO₂ Insufflators are next generation newly designed line CO₂ Insufflators with outstanding technical features. These units are controlled by microprocessor of the latest generation. Stable pressure balance in the abdomen is guaranteed by high flow performance with progressive and low insufflation pressure.

Advantage of Using the Insufflator with Air Option :

In Emergency cases due to unavailability of CO₂ Cylinders, the air mode can be used to complete the surgery as it does not require any cylinder.



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Performance Features :-

➤ Advance Flow Control :

The Enertech CO₂ Insufflators stands for AFC (Advance Flow Control Insufflations) for precise and safe gas flow control.

➤ Software :

It's "intelligent" software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

➤ Safety :

Automatic self check, activated each time unit is switched on, make sure all electronic and pneumatic components are in good running order.



➤ **Inbuilt System Gas Heater :**

The unit comes with built in high efficiency gas heater. The gas heater is pre adjusted and works on plug and play basis fully automatically.

➤ **Real Time Data Display :**

LED 7 segment display for set pressure, actual pressure set volume, Gas Consumption volume, start stop LED and fault.

Technical Specification

Model	ENCO ₂ 30L With Air
Insufflation Pressure	0 - 30 mm Hg.
Dimension (W x H x D)	290 mm x 110 mm x 300 mm.
Weight	4 Kg.
Gas	CO ₂ (Medical) + Air
Gas Connection	UNF 7/16"
Power Consumption	15 Watts Maximum
Input Pressure Minimum	1 bar
Input Pressure Maximum	10 Bar
Output Connection	4 to 5 mm ID Tube
Flow Rate Setting	1 to 30 ltr/min
Keyboard	Feather Touch
Gas Warmer	Builtin
Manufactured and tested	IEC 601-1 / EN 60601-1
Input Supply Voltage	230 VAC + 15 % @ 50/60 Hz (110 V Optional)

Standard Accessories

- Silicon Patient Tube with Connector
- Inlet Pressure Regulator
- High Pressure Inlet Tube
- Spanner



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