

CO₂ INSUFFLATOR

45 Lt with Gas Warmer



Pridex CO₂ Insufflator

Truly world class

Modern day Laparoscopy procedures are more advanced & for longer duration. They require more no. of ports which increases the gas leakage. Advancement in CO₂ insufflator has to match with these demands. Pridex new CO₂ insufflator has been manufactured to give high flow with intelligent microprocessor based feedback mechanism. All high quality components & sturdy design has made Pridex CO₂ insufflator really world class. No way inferior to any German makes.

Insufflator that enhances your monitor vision

Pridex 45Lt. Insufflator has intelligent leakage compensation ensuring fast replenishment of gas. Surgeon can keep partially open one trocar stopcock to vent out fumes generated by energy devices. The warmer patient tube delivers warm CO₂ gas at tip of patient tube to reduce fogging.

Ultimate Safety for patient - German make Dual Pressure Sensors

Pridex uses German make dual pressure sensors which continuously regulate abdomen pressure. There is no chance of wrong reading or wrong control. In case of malfunction unit stops & goes into error mode.

Safe veress mode

Ideally initial insufflation has to be gradual & with low flow rate. Change of mode to trocar brings back the flow rate to the preset high flow rates.

Warmer in tube and with hydrophobic filter

Pridex 45Lt. has well controlled warmer which is built in the patient tubing to provide the warm gas just at the point of trocar. CO₂ gas at 36° C minimises fogging and also avoids Hypothermia to the patient. Hydrophobic filter is added in between the insufflator port and the patient tube.



Specifications

Max CO ₂ flow rate	- 45Lt. per min
Pressure range	- 1 mm Hg to 25 mm Hg
Veress mode flow rate for CO ₂	- 3Lt. per min, fixed
Display & control	- 5 LED Display to show Set pressure, Set flow, Actual pressure, Actual flow, Gas consumption volume, Alphabetic error messages
Gas temperature at the inlet of trocar	- 36° C
Automatic Self Test & Venting System	
Alarm functions	- Audio alarm for over pressure & reduction in CO ₂ cylinder pressure
Weight	- 6.0 kg
Standard accessories	- High Pressure Hose, 1x hydrophobic filter, Spanner, Mains Cable
Models	- Pridex 45Lt. with Warmer patient tube Pridex 30Lt. with Silicone Patient tube

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