

o_two™ controlled
ventilation



O-Two Equinox[®] Advantage

Analgesic Gas Mixing and
Delivery System

O-Two Equinox® Advantage

The O-Two Equinox® Advantage Oxygen/Nitrous Oxide Mixing and Delivery System allows you to control the mix of gas and oxygen a patient is receiving in order to provide the appropriate dose for the patient and the procedure. Designed for use everywhere from the pre-hospital (ambulance), In-hospital (ER, Labor and Delivery etc.) and Dental (Surgical Procedures), the portable Equinox® Advantage system is easy to use, and eliminates the risk of delivering a hypoxic mixture.

The O-Two Equinox® Advantage Analgesic Gas Mixing and Delivery System consists of a dual gas (Oxygen and Nitrous Oxide) control module mixing system that maintains the output gas mixture at a constant ratio, over 8 settings, from 25% to 100% oxygen. Each of the two inputs have gas specific built-in alarm systems that generate both visual and audible alarms should either the nitrous oxide or oxygen input fall below 40 PSI.

The O-Two Equinox® Advantage Analgesic Gas Mixing and Delivery System also has a built-in oxygen fail-safe that will provide 100% oxygen should the nitrous oxide input fall below 35 PSI.

The system has one Rotary Control Knob for turning the unit to the ON or OFF position and one Rotary Control knob for the selection of the Oxygen/Nitrous Oxide mixture.

Specification

Peak Flow rate (Minimum)	120 L/min
Demand Valve Triggering Pressure	-2.0 cmH ₂ O
O ₂ /N ₂ O Mix Settings	25/75, 40/60, 50/50, 60/40, 70/30, 75/25, 90/10, 100/0
Exhalation Resistance	0 to 6 cmH ₂ O @ 60 L/min
Inhalation Resistance	0 to -6 cmH ₂ O @ 60 L/min
Oxygen Enrichment	30 L/min
Pressure Relief Safety Valve	60 cmH ₂ O
Input Pressure	50 to 70 PSI (3.5 to 4.8 Bar)
Visual and Audible Alarms (Audible Alarm @ 60db)	O ₂ 160 - 200 BPM <40 PSI N ₂ O 45 - 51 BPM <40 PSI
Operating Temperature	41°F to 104°F (5°C to 40°C)
Storage Temperature	-40°F to 140°F (-40°C to 60°C)
Nitrous Oxide Input Connection	CGA1040 DISS
Oxygen Input Connection	CGA1240 DISS
Patient Valve Dead Space	8 ml
Weight	4.35 lbs (1.96 Kg)
Dimensions WxDxH	9.0" x 7.5" x 4.8" (229x190x122mm)

When the unit is turned ON, the output of the O₂/N₂O gas mixture will only be activated by an inspiratory effort by the patient. The internal demand valve delivers high flow rates with low triggering pressures, reducing the amount of effort required by the patient to maintain the demanded flow.



The exhaled gas scavenging port allows the attachment of a scavenging hose to help scavenge exhaled gas away from the patient environment.

The Oxygen Enrichment feature on the O-Two Equinox® Advantage allows the Operator to provide up to 30 L/min of 100% Oxygen through the Patient Circuit by depressing the O₂ Enrichment Button.

Virtually maintenance free, the durable O-Two Equinox® Advantage Analgesic Gas Mixing and Delivery System is a reliable, easy-to-use, safe and efficient way of delivering a range of gas mixtures for trauma, childbirth or other painful procedures.

Warranty: This product has a two year warranty against manufacturers defects.

Ordering information

- 01EQ2000 O-Two Equinox® Advantage N₂O/O₂ Analgesic Gas Mixing and Delivery System**
c/w O₂ and N₂O gas supply hoses and single patient use circuit with facemask
- 01CV8028-CS Disposable Patient Circuit**
c/w Universal Facemask Case of 10
- 01FV4302 -XX 6 foot O₂ (Oxygen) Supply Hose**
with Fittings (specify type)
- 01FV4310-XX 6 foot N₂O (Nitrous Oxide) Supply Hose**
with Fittings (specify type)



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