O-Two Equinox® Relieve

Pre-set 50/50 mix Analgesic Gas Delivery System
(with optional oxygen flush)

O-Two Equinox® Relieve

The O-Two Equinox® Relieve is intended to provide a 50/50% mixture of nitrous oxide and oxygen, on demand, to a conscious, spontaneously breathing, patient for the relief of pain due to trauma or other conditions where inhalation analgesia is clinically specified.

Designed for use in the pre-hospital (ambulance) and In-hospital use (ER, Labor and Delivery etc.), the system has no operator or patient adjustable controls eliminating the risk of delivering a hypoxic mixture. It only requires the attachement of pressure regulated medical gas oxygen and nitrous oxide cylinders and a patient circuit with facemask fo be ready for use.

The O-Two Equinox® Relieve consists of a dual gas (Oxygen and Nitrous Oxide) control module mixing system that maintains the output gas mixture at a constant 50/50 mix. Each of the two inputs have gas specific built-in alarm systems will generate both visual and audible alarms should either the nitrous oxide or oxygen input fall below 40 PSI, and the device will be automatically shut off should either the nitrous oxide or oxygen input fall below 35 PSI.

The O-Two Equinox® Relieve is also equipped with a secondary "fail safe" circuit that will activate an alarm and shut off the device should internal malfunction occur in the mixer or any internal hoses rupture or kink.

O-Two Equinox® Relieve N_2O/O_2 Analgesic Gas Mixing and Delivery System has only one control for turning ON or OFF the device. When it is turned ON, the output of the N2O/O2 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 optional Oxygen Enrichment feature on the O-Two Equinox® Relieve allows the rescuer to flush the system by depressing the manual button. Virtually maintenance free, the durable O-Two Equinox® Relieve N_2O/O_2 Analgesic Gas Mixing and Delivery Systems are a simple, safe and efficient way of delivering pain relief during trauma, childbirth or other painful procedures.

The O-Two Equinox® disposable patient circuit with scavenging hose helps remove exhaled air away from the patient environment.

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

Specification

(Minimum) Peak Flow rate	120 L/Min
Exhalation Resistance	0 to 6 cmH_2O @ 60 L/Min
Inhalation Resistance	0 to -6 cmH_2O @ 60 L/Min
Oxygen Concentration	50%
Input Pressure	50 to 70 PSI (3.5 to 4.8 Bar)
Demand Valve Triggering Pressure	-2.5 cmH_2O
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	53 oz. (1.5 Kg)
Dimensions W x D x H:	8.9"x6.6"x3.9" (226x168x99mm)
Optional Oxygen Enrichment	30 L/min

Ordering information

01EQ1000 — **O-Two Equinox® Relieve N_2O/O_2 Analgesic Gas Mixing and Delivery System**
c/w O_2 and N_2O gas supply hoses* and single patient use circuit with mouth piece and scavenging hose.

01EQ1000-F — **O-Two Equinox® Relieve N_2O/O_2 Analgesic Gas Mixing and Delivery System with Oxygen Enrichment.**
c/w O_2 and N_2O gas supply hoses* and single patient use circuit with mouth piece and scavenging hose

01CV8028-CS **Single Patient Use Circuit**
c/w mouth piece and scavenging hose Case of 10

01FV4302-XX 6 foot O_2 (Oxygen) Supply Hose with Fittings (specify type*)

01FV4310 -XX 6 foot N_2O (Nitrous Oxide) Supply Hose with Fittings (specify type*)

*Please specify the type of connection to your regulated gas supply required at time of ordering.