

RELIEVE® II Analgesic Gas Delivery System



Part No. G9000-H

The RELIEVE I unit is intended to provide a preset mixture of 50% nitrous oxide and 50% 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 or maternity), the system has no operator or patient adjustable controls, eliminating the risk of delivering a hypoxic mixture. It only requires the connection of a regulated medical nitrous oxide and medical oxygen supply and a patient circuit to be ready for use.

- Audible and visual low inlet pressure alarm system on both gases
- Automatic shut-off on extra low inlet pressure of either gas
- Internal "fail safe" shut-off circuit and alarm in case of internal system malfunction
- Low maintenance
- Simple to use
- Disposable patient circuit with exhaled gas scavenging connection
- Wall mount bracket option
- Portable trolley mount option (with or without cylinders)

Specifications:

Inlet Pressure:	350 – 450 kPa
Inlet Connections:	Sleeved Index System as per AS2902
Outlet Connections:	22mm/15mm co-axial taper
Peak Flow Rate (min):	120 l/min
Exhalation Resistance:	0 – 6cmH ₂ O @ 60 l/min
Inhalation Resistance:	0 – 6cmH ₂ O @ 60 l/min
Demand Triggering Pressure:	2.5cmH ₂ O
Oxygen Flush/Enrichment Flow:	30 l/min (nominal)
Oxygen Concentration:	50%
Patient Valve Dead Space:	8 ml
Operating Temperature:	5°C to 40°C
Operating Temperature:	-40°C to 60°C
Weight:	1.5 kg

ORDERING INFORMATION

G9000	Relieve II Analgesic unit
G9000-H	Relieve II Analgesic unit, with 2 Mtr Oxygen & Nitrous Oxide Hose Assemblies
G9000-WM	Relieve II Analgesic unit, with Wall Mount bracket
G9000-WMH	Relieve II Analgesic unit, with Wall Mount bracket and 2 Mtr Oxygen & Nitrous Oxide Hose Assemblies
G9000-TM	Relieve II Analgesic unit, with Trolley Mount
G9000-TMH	Relieve II Analgesic unit, with Trolley Mount and 2 Mtr Oxygen & Nitrous Oxide Hose Assemblies

Mount Base Plate

A universal base mounting plate is available. The plate allows the Relieve II to be mounted to trolley pole, wall mount arm, Gas Evac unit or any other existing Mid-O-Gas mounting bracket. For pole other than the Gascon model a customer mounting adaptor made be required (these can be supplied on request). The base plate comes with two hose support hooks.

Trolley Mount



Gas Evac Option

Using the standard mounting late, the Relieve II can be mounted to a Gas Evac active gas scavenging unit. The Gas Evac is designed to be connected to suction or scavenge wall outlets, so that any expired analgesic gases from a patient can be removed from the workspace.

Gas Evac units are available as either a wall mount or trolley mount option. The trolley mount model has two further options, one design for mount smaller "D" sized cylinders on it, or one designed to be connected to wall outlets. The cylinder mount option comes with a base plate for the cylinders to sit on as well as two cylinder restraints. With the cylinder mount option the oxygen and nitrous oxide low pressure need to be 500 – 600mm long.

