



The EASE II portable and pipeline systems provide a compact low resistance method of self-administering O₂/N₂O. The EASE demand valve is constructed in a way that creates minimal breathing resistance to the patient and can deliver high flows when required.

EASE II Emergency Analgesic Supply System

EDITION 2/2012

For greater user comfort the EASE II is small and light. The 'Easy Grip' handle is another user friendly addition.

- On demand Oxygen or Nitrous Oxide/ Oxygen system for delivering up to 300 litres/ min
- Portable first stage regulator and cylinder version for immediate care and pre-hospital applications.
- Low pressure pipeline version for obstetrics and general nursing applications.
- Conforms to BS 4272: Part 2: 1996
- Low inspiratory effort demand valve
- Test/ Purge facility on the demand valve, easy to clean and reassemble for cross infection protocol
- Hose fitted with probes by the national standards for connection into Combivale/ regulator on cylinders or wall outlet
- Autoclavable, removable handle

EASE II

The EASE II system is available to deliver Nitrous Oxide/ Oxygen upon demand. It is available for use as a portable system with first stage regulator, or as a low pressure pipeline version. The EASE is designed to administer effective pain relief within a wide range of medical situations including immediate care, general practice and general nursing obstetrics.

Conforming to BS 4272: Part 2:1996, the demand valve is designed to deliver up to 300 litres per minute of gas with minimal inspiratory effort by the patient. This valve also contains a removable patient valve that houses the exhalation flap and anti contamination valve.

This can be removed and cleaned before replacement and re-use.

The first stage regulator connects to the cylinder via BS1319/ ISO407 pin index yolk connector.

This reduces the pressure to 4 bar, which is fed to the demand valve via a low pressure hose.



Technical Data

Demand valve

Gas	N ₂ O/O ₂ , O ₂
Material	Polycarbonate, silicone rubber, stainless steel
Dimensions	50 × 50 × 63 mm
Weight	0,085 kg
Gas supply	Requirement 2,8 to 7,0 bar at >200 L/min
Inspiratory resistance	
(At 2,8 bar supply press.)	Cracking 0,15-0,2 kPa -0,2 kPa at 10 L/min -0,7 kPa at 200 L/min
Expiratory resistance	Cracking Zero At flow +0,35 kPa at 120 L/min
Operating temperature	-20°C tp +60°C used Oxygen +5°C to +40°C used 50/50 N ₂ O/O ₂
Storage temperature	-30°C to +60°C

Hose assembly

Connection	Probes by the national standards
Working pressure	7 bar
Burst pressure	44 bar
Material	PVC, anti-static in accordance with ISO 5359
Weight	0,5 kg (3 m length)
Manufacturer:	GCE, s.r.o, Žižkova 381 583 81 Chotěboř, CZ
CE - marking	CE0434

Art. Nr.	Gas Type	Group Co.	EASE II Variant Description
149127	O ₂ /N ₂ O	SE	EASE II, 3 m hose, SS probe
149126	O ₂	SE	EASE II, 3 m hose, SS probe



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