



Glostavent[®] Portable Anaesthesia Systems

self-contained, robust and reliable
for the toughest places on earth

**Reaching regions
other anaesthesia
systems do not**

Saving lives in the most
hostile environments

**For disaster
and emergency
response**

No need for
compressed oxygen

**Reliable solutions
for unpredictable
situations**

Function when
there's no electricity

A mobile clinic solution for outreach or emergency use

Glostavent® Portable Anaesthesia systems are completely self-contained units designed for inhalational anaesthesia

Best for first response

- A first choice for humanitarian agencies for use in disaster situations
- With a two minute set up time, ideal for use in some of the most remote and resource limited locations in the world
- Suitable for hospitals with limited resources, or in any field or outreach locations
- Lightweight enough to be carried as aircraft hand luggage

Economical

- Require no electrical power and can be used without compressed gases
- They require no expensive consumables and minimal maintenance

Reliable and robust

- All systems include Diamedica's low resistance vaporiser, enabling seamless transition from continuous flow to drawover anaesthesia
- Contained in a shockproof and waterproof Peli case

Quality

- Engineered and manufactured in the UK, it's robust and built to last
- CE Certified by an internationally recognised notified body

Training and support

- Full training is available in use and maintenance
- Free technical support is available for the lifetime of the machine
- Each unit is supplied with a comprehensive user manual and training demonstration videos

Portable Anaesthesia Systems

Patient Circuit

- Each Glostavent® Portable is supplied with a complete set of silicone patient circuits for both adult and paediatric use, including all tubing and valves required for anaesthesia
- Ayres T piece included

Vaporiser

- Seamless transition from continuous flow to drawover
- Thermally stable and functions accurately in hot or humid theatre conditions
- Calibrated for Halothane and Isoflurane or Sevoflurane
- Minimal maintenance and easy to clean

Ventilation

- Adult and paediatric self inflating bags for assisted ventilation
- Adult and paediatric masks supplied
- Compatible with Helix Portable Ventilators for mechanical ventilation

Peli shockproof and waterproof case

- Sturdy case holds anaesthesia system safely

Oxygen supply

- Oxygen supplementation port if an oxygen source is available
- Flow regulator included for use with cylinders

Scavenger

- As standard to remove exhaled gases

PEEP

- PEEP valve included



Shown here:
DPA02™

See over for technical information ▶

Pressurised oxygen supplies can be scarce, expensive or non-existent

Portable Anaesthesia Systems



Specifications

DPA02™

DPA03™

Peli shockproof and waterproof case	Yes	Yes
Vaporiser <ul style="list-style-type: none"> ▪ Low resistance ▪ Suitable for drawover and continuous flow ▪ Anaesthetic agent ▪ Capacity ▪ Agent percentage ▪ Stainless steel filler funnel ▪ Vaporiser/s included as standard 	Yes Yes Isoflurane/Halothane or Sevoflurane 150ml 0 - 5% (0-8% for Sevoflurane) Yes 1 vaporiser Isoflurane/Halothane included as standard	Yes Yes Isoflurane/Halothane or Sevoflurane 150ml 0 - 5% (0-8% for Sevoflurane) Yes 2 included as standard. Isoflurane/Halothane and Sevoflurane
Diamedica Patient Valve	Yes	Yes
Manual ventilation	Self inflating bag, adult/paediatric	Self inflating bag, adult/paediatric
Patient Circuits <ul style="list-style-type: none"> ▪ Adult and paediatric circuits with masks ▪ Ayres T piece 	Yes, autoclavable Yes	Yes, autoclavable Yes
Supplemental Oxygen <ul style="list-style-type: none"> ▪ Oxygen regulator and flowmeter for cylinders 0.5 - 15lpm ▪ Supplementation tube for any available oxygen source 	Yes Yes	Yes Yes
Scavenger tube	Yes	Yes
PEEP 0-20cm H₂O	Yes	Yes
Weight packed in Peli case	9.8kg	14kg
Dimensions	47 x 35 x 17cm	48 x 39 x 19cm

Helix Ventilator

Use the Portable Helix ventilator in conjunction with Glostavent® Portables for mechanical ventilation. Lightweight for portability and contained in an optional Peli shockproof and waterproof case, this is an ideal first response ventilator available in Adult/Paediatric or Paediatric/Infant versions.

Pneumatically driven, it will use drive gas from any source: oxygen concentrator, cylinder or air compressor. Oxygen drive gas can be returned to the patient circuit where required, so there is zero gas wastage.

The Helix Portable Ventilator has a flexible power supply for recharge and long internal battery backup. It has very low running costs and minimal maintenance is required.



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 Ref: Port/2019/001