

Portable Anaesthesia Systems



DPA02™



DPA03™

Specifications	DPA02™	DPA03™
Peli shockproof & waterproof case	Yes	Yes
Patient pressure display		0-60cm H ₂ O
Flow meter		0-10 l/pm
Vital signs monitor		Option 1 SpO ₂ + NIBP Parameters: SpO ₂ , Pulse Rate, Perfusion Index, Photoplethysmogram, Systolic blood pressure, Diastolic blood pressure, Mean Arterial Pressure Option 2 SpO ₂ + EtCO ₂ Parameters: SpO ₂ , Pulse Rate, Perfusion Index, Photoplethysmogram, End-tidal CO ₂ , Inspired CO ₂ , Respiration Rate, Capnogram
Vaporiser <ul style="list-style-type: none"> Low resistance Suitable for drawover and continuous flow Anaesthetic agent 	Yes Yes	Yes Yes
Capacity <ul style="list-style-type: none"> Agent percentage Stainless steel filler funnel Vaporiser/s included as standard 	Isoflurane/Halothane (dual agent) or Sevoflurane (select 1) 150ml 0 - 5% (0-8% for Sevoflurane) Yes 1 included as standard	Isoflurane or Halothane or Sevoflurane (select 2) 150ml 0 - 5% (0-8% for Sevoflurane) Yes 2 included as standard
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 H ₂ O	Yes	Yes
Weight packed in Peli case	9.8kg	14kg
Dimensions	47 x 35 x 17cm	53 x 32 x 33cm

Helix Ventilator - supplied separately

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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diamedica

Safe anaesthesia and respiratory solutions for limited resource settings



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



Proven in war zones, earthquakes, hurricanes and typhoons

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

- No electrical power required and can be used without compressed gases
- Requires no expensive consumables
- 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

O2 Flow Meter

Vital Signs Monitor

- Intuitive user interface, with large 5" Colour TFT LCD screen for accurate readability of all parameters
- Accurate oximetry adapted for adults and neonates, providing continuous and accurate patient monitoring
- Battery for 6h continuous monitoring

Patient Pressure Gauge

Vaporisers

- The unique 'vaporiser select technology' permits the safe delivery of a gaseous induction using Sevoflurane before switching to Isoflurane to maintain the anaesthetised state
- Safe and precise changeover between vaporisers, with no possibility of both units in use simultaneously
- Low resistance vaporisers enable seamless transition from continuous flow to draw over
- Thermally stable and functions accurately even in hot or humid theatre conditions
- Calibrated for Halothane and Isoflurane and Sevoflurane (select 2)
- Minimal maintenance and easy to clean

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

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

Ventilation

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



Shown here:
DPA03™

See over for
technical information

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