The portable anaesthesia system for field use where electricity is not an option. The DPA 03™ incorporates the new Diamedica patient valve. In addition, it contains two vaporisers; Sevoflurane for induction and Halothane/Isoflurane for economic maintenance of anaesthesia.

The new valve and patient circuit removes the valve from the vicinity of the patient airway and allows the use of double lumen or standard “Y” circuits.

All Diamedica Portable models include the Diamedica low resistance vaporiser and are suitable for continuous flow or drawover anaesthesia. All models are designed for difficult locations. Each one requires minimal maintenance but is efficient and economical.

When using drawover, a reservoir conserves oxygen while the patient breathes out. Until now this has consisted of a length of tubing, but the DPA 03™ has a dedicated reservoir unit. This consists of:

- a 2 litre bag to increase the volume of the reservoir
- a valve at the air inlet to prevent spillage of oxygen
- a pressure relief valve set at 7.5 cm H₂O to prevent over distension of the reservoir bag

This enables the DPA 03™ to be used in continuous flow or drawover mode, the mode being determined by the ratio of oxygen entering the reservoir to the patient’s minute volume leaving the reservoir. The change of mode occurs automatically and needs no intervention from the anaesthetist. The system also maximises the inspired concentration of oxygen during periods of hyperventilation during pre-oxygenation or in the management of head-injured patients.

VAPORISER

The Diamedica Vaporiser provides consistency of output over a wide temperature range. It is calibrated for Halothane/Isoflurane or Sevoflurane to overcome possible supply problems, with sufficient output for gaseous induction. Vaporisers can be supplied with or without keyfill. Due to the low resistance of the vaporiser supplementary oxygen can be supplied by cylinder or oxygen concentrator.

continued
Training and Support

Diamedica’s commitment to our customers is:

- To provide, free of charge to all customers, ongoing after sales support via email or telephone for as long as the customer has their equipment.
- To provide training for medical and technical personnel to enable them to maximise the potential of the equipment safely and economically.

**Low resistance vaporiser suitable for drawover or continuous flow anaesthesia**
- Calibrated for Halothane and Isoflurane, or Sevoflurane
- Scale 0 to 5%
- Capacity 150ml
- Weight 2.6Kg empty
- Stainless steel construction
- Minimal maintenance