

CONTINUOUS FLOW ANAESTHESIA MACHINE

CONFIGURATION

A basic and cost effective inhalational anaesthesia system supplied without mechanical ventilation. For use where the patient is breathing spontaneously, or only requires assisted ventilation.

It has a continuous flow configuration but will default to drawover in the absence of gases. It is supplied with, and driven by, an oxygen concentrator that provides up to 8 litres per minute of both oxygen and air.

The ECO₂ incorporates the Diamedica Vaporiser and a new circuit valve allowing a standard Y section patient circuit.

PATIENT CIRCUIT

Standard 'Y' circuit
In-circuit self inflating bag for assisted ventilation



THE OXYGEN CONCENTRATOR

- Up to 8 litres per minute oxygen at approx 95%
- Up to 8 litres per minute air
- Audible alarm on failure
- Low oxygen light, hours meter
- HEPA filters on both oxygen and air supply lines
- Power requirement 430 Watts
- Maintenance: regular washing of the external filter

CONTROL PANEL

The ECO₂ control panel incorporates oxygen and air flowmeters 0 – 8 litres maximum each and includes an oxygen flush as standard.

The visible reservoir bag provides an indication of the patients breathing.

The rear of the panel provides the expired gas outlet and an auxiliary oxygen connection.



VAPORISER



Low resistance vaporiser suitable for continuous flow anaesthesia, defaults to drawover if gases are unavailable.

- Calibrated for Halothane and Isoflurane.
- Scale 0 to 5%
- Capacity 150ml
- Stainless steel construction
- Minimal maintenance

WORKSTATION

The workstation is made from anodised aluminium and is therefore rust-proof. It is mounted on four anti-static castors, two of which are fitted with brakes.

The ECO₂ can be upgraded to a Glostavent[®] Standard at a later date if required.

