

The ultimate in efficiency for demanding environments



The Diamedica Tacitus Anaesthetic system is entirely pneumatic. It combines a drawover breathing circuit with a gas driven ventilator. It can operate as either volume pre set or pressure pre set.

It has NO requirement for electrical or battery supply. Essentially its driving requirement is zero; it simply borrows energy from the oxygen that is being provided to the patient. The oxygen can be supplied by cylinder, mains supply or oxygen concentrator.

The pneumatic components of the Tacitus require minimal maintenance and carry specifications far beyond the parameters that the equipment would encounter in any operating environment.

As no electrical power is used the Tacitus far exceeds the requirements specified in ISO 60601-1-2 Medical Electrical Equipment.

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Specification

Tidal volume:	50 – 1200ml
Breaths per minute:	5 – 40 BPM
Airway pressure range:	8 – 50 cmH ₂ O
I E ratio:	1 : 2
Oxygen supplementation:	1 – 10 litres per minute
Oxygen flush:	20 litres per minute
Drive gas / minute volume ratio:	1 : 5 minute volume
Min drive pressure:	1.6 bar
Vaporiser capacity:	150ml
Patient circuit:	Double lumen
Inhalational agents:	Halothane, Isoflurane, Sevoflurane
Low pressure/disconnect alarm:	Audible and visual
Respiratory indicator	Manual ventilation back-up
Draw over or continuous flow modes	
Unique non-rebreathing valve	
Weight packed in outer case	30kg, 61cm x 49cm x 30cm



Supplied complete with patient circuit, outer case and connections for oxygen cylinder and oxygen concentrator.

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. Due to the low resistance of the vaporiser supplementary oxygen can be supplied by cylinder or oxygen concentrator.