

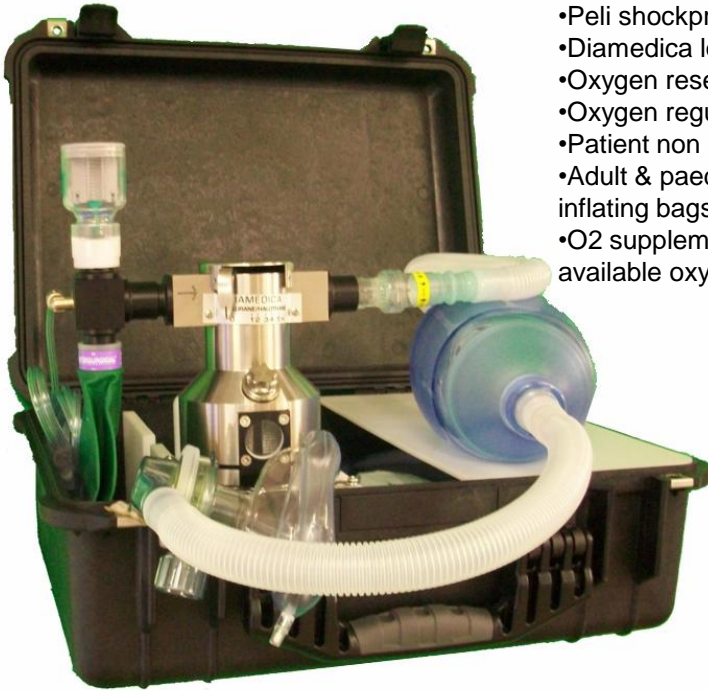
**A complete inhalational anaesthesia system in a case, suitable to be carried as aircraft hand luggage and robust enough for any field, outreach or remote situation.**

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**DPA 01 Contents:**

- Peli shockproof and waterproof case
- Diamedica low resistance vaporiser
- Oxygen reservoir / conservation block
- Oxygen regulator & flowmeter
- Patient non re-breathing valve
- Adult & paediatric circuits, with self inflating bags for assisted ventilation
- O<sub>2</sub> supplementation tube for any available oxygen source



In order to conserve oxygen when using a draw over technique a reservoir is needed to store oxygen while the patient is breathing out. Until now this has consisted of a length of tubing with a side arm for supplementary oxygen. In the DPA 01 this is replaced by a dedicated reservoir unit consisting of a 2 litre bag to increase the volume of the reservoir, a non return valve at the air entry port to prevent any wastage of oxygen and a pressure relieving valve set at 5 cm H<sub>2</sub>O to prevent over distension of the reservoir bag. This enables the DPA 01 to be used in continuous flow or draw over mode. The change occurs automatically and requires no active intervention from the anaesthetist. The mode is determined by the ratio of oxygen entering the reservoir to the patient's minute volume leaving the reservoir. The system also maximises the inspired concentration of oxygen during periods of hyperventilation during pre-oxygenation or in the management of head-injured patients.



The Diamedica Vaporiser provides consistency of output over a wide temperature range. It is calibrated for both Halothane, Isoflurane and 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.

Size 47cm x 33cm x 17cm  
 Weight complete 9.5 kg

