MANUAL ANAESTHETIC CIRCUIT + HALOTHANE VAPORIZER, type OMV50

EHOEANAE1H-

Gross weight/unit : 1.7 Kg
Volume/unit : 10.8 dm³
Indicative price/unit : 2,523.17 €
Justification code : P

Definition

The OMV (Oxford Miniature Vaporiser) is a partially temperature compensated and calibrated vaporiser. The low internal resistance allows ambient air to be used as the carrier gas (draw-over anaesthesia).

The OMV can be used on anaesthetic machines with continuous compressed gas flow.

Description

Closed article.

Components

Article supplied with accessories:

- OMV 50
- Self-inflating bag
- T-piece for adding oxygen
- 2 male connectors for tubing 22 mm
- 2 female connectors for tubing 22 mm
- 1 corrugated rubber tube, 30 cm
- 2 corrugated rubber tubes, 106 cm
- One-way expiratory valve
• Anaesthetic mask, nº 4 (adult size)
• Spare O-ring
• Maintenance and user information

**Technical specifications**

• Height: 150 mm
• Width (inlet to outlet): 139 mm
• Diameter of the main body: 50 mm
• Weight: 1.3 kg
• Capacity: 50 ml
• Direction of gas flow: right to left
• Connections: 22 mm
• Calibration: 0.5% - 4% halothane
• Internal resistance: less than 1 cm H2O at 40 litres/minute
• The output concentration is constant at flow rates between 4 and 8 litres/minute

**Instructions for use**

For use in draw-over anaesthesia without N2O.
Oxygen can be added either from a cylinder or from an oxygen concentrator.
Assisted or controlled ventilation is easy with the Oxford Inflating Bellows.
Must be used with a one-way anaesthetic valve in order to avoid inspiration of ambient air.
For the MSF use, the vaporiser is calibrated for halothane. Other agents can also be used, as chloroform, trilene, enflurane, isoflurane.
WARNING: DO NOT USE ETHER!
Basic maintenance can be performed by the anaesthetist. It is recommended to calibrate the OMV every year or 2 years.

**MSF requirements**

The OMV vaporiser is both robust and simple to use. It requires very little maintenance.
Draw-over anaesthesia is economic. There is little wastage of anaesthetic vapours and oxygen. Suitable for missions in precarious conditions, as it does not require a supply of compressed gases. It is virtually impossible to administer a hypoxic mixture to the patient. Mainly known and used in English-speaking countries. Portable equipment, not too cumbersome. NB: The OMV is the vaporiser of choice for draw-over anaesthesia in MSF.

**Article to be justified**

Reserved for surgical missions with experienced anaesthetist.

**Advices for local purchase**

Not to be purchased locally. Manufacturer: PENLON.