

A100SP Absorber



The New A100SP Absorber provides a level of integration never seen before in a modular anaesthesia system

- ◆ AV900 V4 Ventilator - auto ventilation mode switching
- ◆ Integrated Spirometry flow airway sensors
- ◆ Integrated Oxygen Monitor sensor
- ◆ Quick-release canisters
- ◆ Ergonomic breathing bag arm
- ◆ Autoclavable[†]
- ◆ MRI Compatible^{*}

Partnership for Life

Additional Features

The innovative new A100SP Absorber meets your needs with the quality, reliability and excellence of design that you expect from Penlon.

The A100SP Absorber is autoclavable[†] and designed for use as part of a semi-closed breathing circuit for anaesthesia, providing an efficient CO₂ absorption module for the Prima SP Anaesthesia System.

NEW Absorber/Ventilator Interface

The innovative new interface between the A100SP Absorber and AV900 V4 Ventilator automatically detects when the 'Bag/Vent' lever, on the absorber, is operated and changes the Mode of the ventilator accordingly.

- i) If the lever is moved from 'Vent' to 'Bag' the ventilator will change from Volume Mode (or Pressure Mode) to Spontaneous Mode, for breath monitoring
- ii) Switching the lever from 'Bag' to 'Vent' will reset the ventilator from Spontaneous Mode to Standby Mode, enabling the anaesthetist to select the appropriate ventilation mode



- ◆ Integrated sensors in the inspiratory and expiratory airways improve Spirometry accuracy
- ◆ Sensor cabling is routed internally to a connector at the rear of the absorber
- ◆ The Oxygen Monitor sensor is built into the inspiratory airway within the absorber
- ◆ Breathing bag mounted on an ergonomic, rotating arm
- ◆ Quick-release canisters operated by a single lever at the base of the unit
- ◆ The unit can be removed quickly without major disassembly, to facilitate cleaning and preparation for autoclaving
- ◆ MRI Compatible*, 3000 Gauss in isolation, and up to 1000 Gauss as part of a Prima SP Anaesthesia System (using a Nuffield 200 Ventilator)
- ◆ Bag/Ventilator Valve as standard
- ◆ Optional absorbent bypass and manometer also available

[†] Covers, manometer and oxygen sensor are not autoclavable

* Follow the Penlon MRI Guidance Notes

Technical Specification

| Physical | |
|--------------------|--------------------|
| Size (H x W x D) | 420 x 290 x 460 mm |
| Weight (empty) | 15 kg |
| Absorbent Capacity | 2 x 1.3 kg |

Integrated Technology

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