

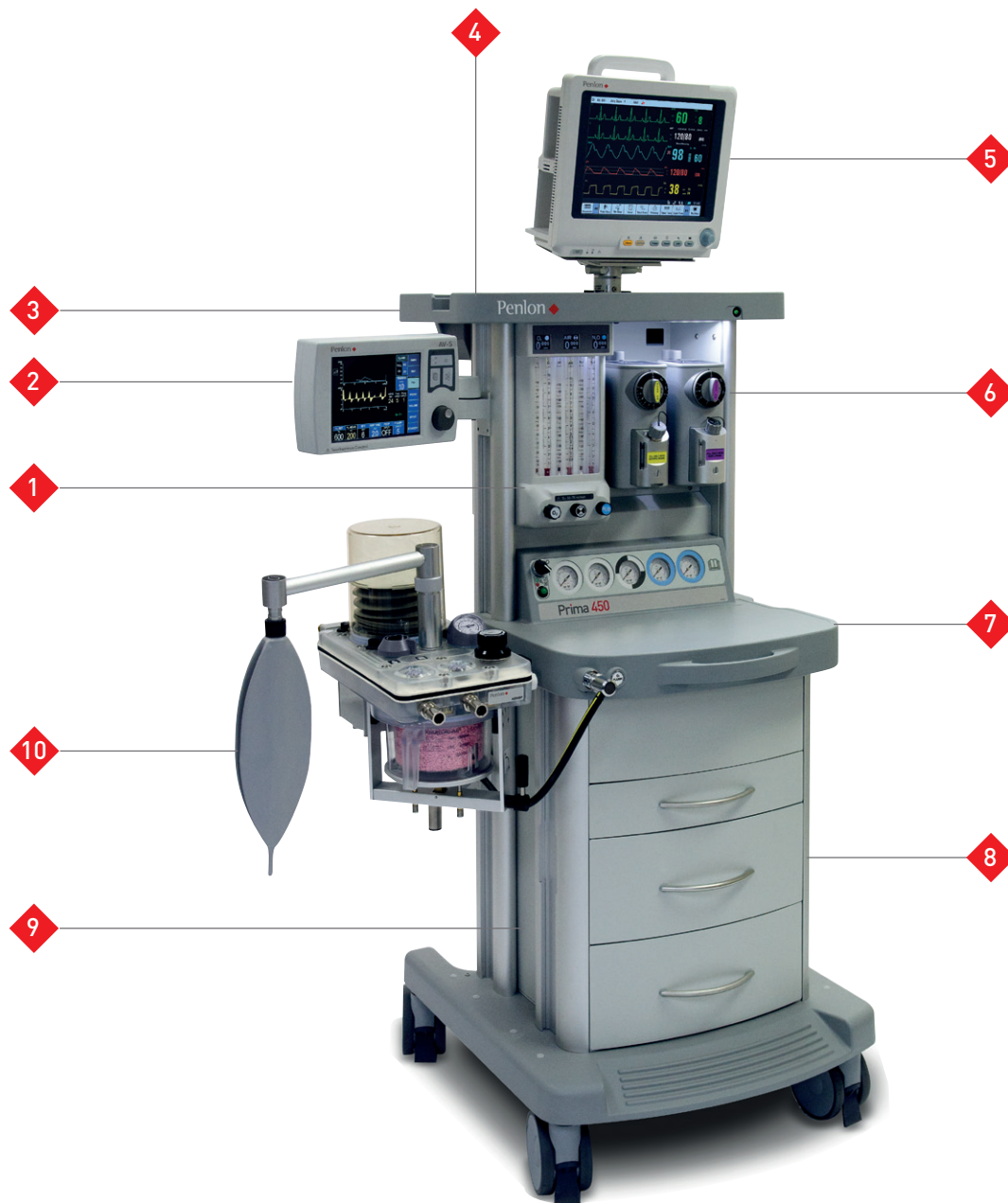
# Penlon Prima 450 Anaesthetic Machine

ANAESTHESIA SOLUTIONS

- ◆ Electronic flow display and conventional flowmeter options
- ◆ Fully integrated ventilator and absorber
- ◆ Designed and manufactured in the UK
- ◆ HIS connectivity
- ◆ Intuitive design in a compact footprint
- ◆ Low life costs



# Penlon Prima 450 Anaesthetic Machine



All the features and options you need to configure a system to your exact specification

- 1 Electronic flow display and conventional flowmeter options are available
- 2 Six ventilation modes
- 3 New top shelf with secure GCX™ mounting system for patient monitors
- 4 Territory-specific electrical outlet options
- 5 SP M5 Patient Monitor
- 6 Selectatec® compatible backbar (one or two stations)
- 7 Illuminated work space
- 8 Large capacity drawer units
- 9 GCX™ compatible aluminium uprights for additional accessory mounting
- 10 Integrated CO<sub>2</sub> absorber and bellows unit with ventilator interface

# The Penlon Prima 450 is a compact system for induction or operating rooms where space is at a premium.

Clinician-focused choices and benefits, including electronic flow display options, and a functional top shelf module with power outlets and GCX compatible monitor mount.

## Platform

The Prima 450 Anaesthetic Machine has a strong core specification including integrated AV-S Ventilator and A200SP Absorber. Choose a one or two station backbar (two station backbar illustrated).

- Fully compliant to ISO 80601-2-13 Standard and to the Restrictions of Hazardous Substances (RoHS) Directive.

## Flow control and visualisation

The Prima 450 offers a wide range of options:

- Standard/cascade flow tubes
- Cascade flow tubes with electronic flow display providing numeric representation of gas flow

All models utilise a proven conventional control system with a mechanical anti-hypoxic system giving enhanced patient safety.

Models with an electronic flow display also have Hospital Information Systems (HIS) capability\*.

## Options and accessories

Wide choice of territory-specific electrical power outlets, and a forward facing socket. Penlon also supplies an AGS system (Anaesthetic Gas Scavenging), a patient cable management arm, an oxygen therapy flowmeter, and a side mounted suction controller kit.

## Patient monitoring

12.1" colour display with up to 12 waveforms, available with touchscreen control; up to 13 module slots (optional satellite module rack required); Nellcor™ or Masimo™ SpO<sub>2</sub> module options; Multi-parameter modules; Multi-Gas module with optional O<sub>2</sub> and BIS; and Sidestream, Mainstream or Microstream CO<sub>2</sub> modules.

## System components

A reliable platform, combining advanced features and value for money. The Prima 450 is easy to use and maintain, with proven performance.

### 1 AV-S Ventilator

An easy to use, multifunction anaesthesia ventilator, designed for adult, paediatric and neonatal patient profiles. Standard specification includes three advanced spontaneous support modes and electronic PEEP. The AV-S has integrated oxygen monitoring and spirometry, plus seamless integration with both the absorber and anaesthetic machine, and HIS capability\*.

### 2 A200SP Absorber

A high performance absorber with a ventilator interface as standard that provides ventilator mode switching, triggered by the bag/ventilator control. The unit has a quick-release canister, and the main components are autoclavable. A heater unit is offered as an option.

### 3 Sigma Delta Vaporizer

Award winning, high performance market leader, offering multi-choice fill system options.

### 4 SP M5 Patient Monitor

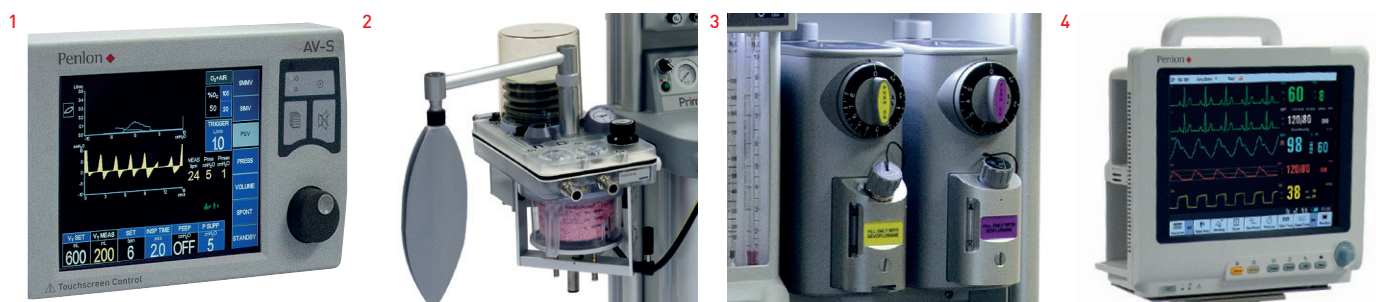
A lightweight and compact patient monitor with a 12.1" colour display, extensive parameter options, rechargeable Li-ion battery and optional wireless networking.

## Maintenance and after-sales support

Penlon is committed to a successful, long term relationship with all our customers. Comprehensive warranty provides user peace of mind and after-sales support.

Additional services and warranties can be purchased to meet your particular needs.

\*Relevant system interface is required

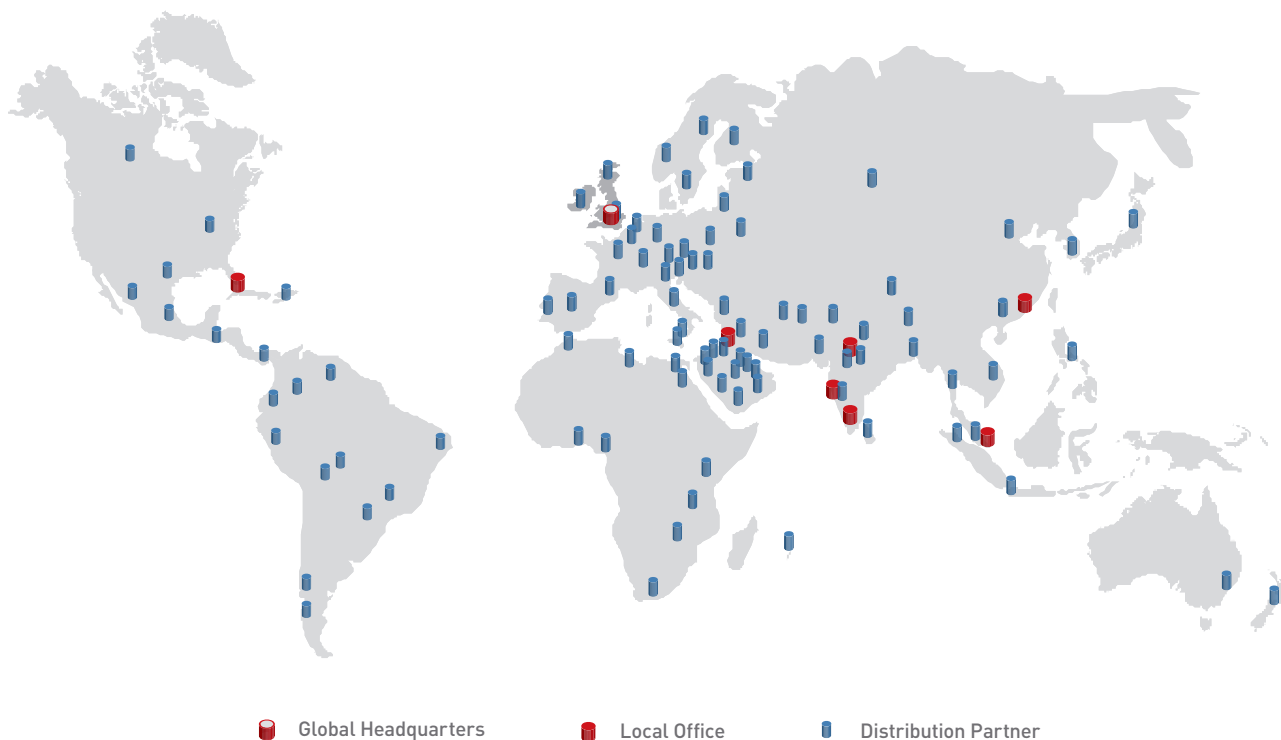


## About Penlon ♦

Penlon was founded in 1943 by personnel from the Department of Anaesthesia at Oxford University. One of the first products was the Macintosh Laryngoscope, then a revolutionary design, and still the most widely used today, invented by the late Sir Robert Macintosh, Professor of Anaesthetics.

Today Penlon continues to design, engineer and build high quality anaesthesia products at its UK operations headquarters. The company is proud to have over '70 years' dedicated experience, many awards for product design, and an impressive four Queen's Awards for Enterprise, one for 'Innovation' and three for 'International Trade'.

Penlon devices feature intuitive user interfaces that require minimal operator training, putting clinicians in control, enabling them to focus on what is most important – patient safety and wellbeing.



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