

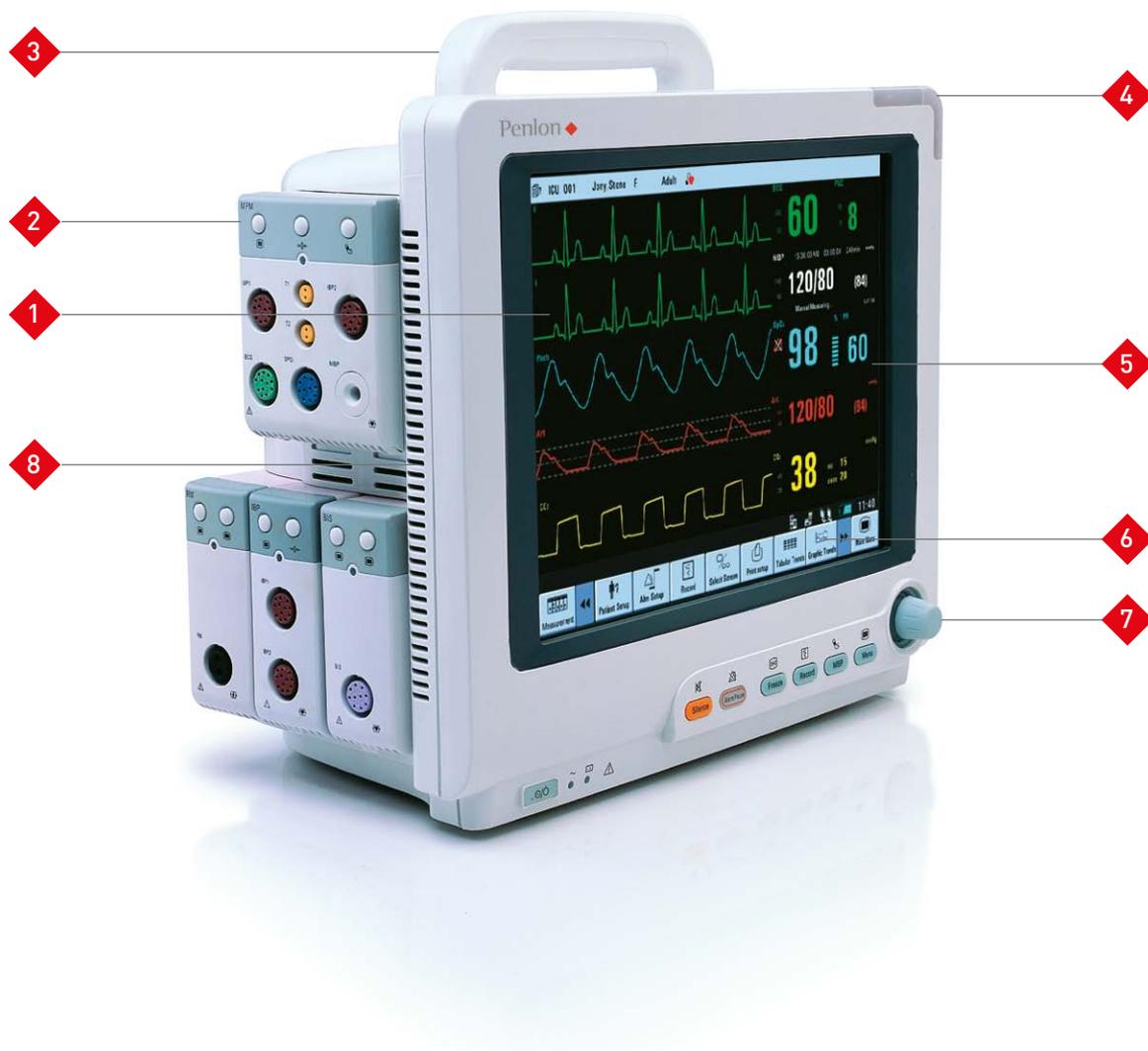
# Penlon SP M5 Patient Monitor

## ANAESTHESIA SOLUTIONS

- ◆ Flexible solutions to suit changing clinical situations
- ◆ Five on-board slots and optional module rack with eight additional slots
- ◆ Up to eight waveforms
- ◆ Easy to upgrade
- ◆ 12.1" colour display with optional touch screen



# Penlon SP M5 Patient Monitor



## Features and options configured to your exact specification

- 1 12.1" colour display with optional touch screen
- 2 Multi-parameter module (MPM)
- 3 Integrated carry handle
- 4 High visibility, prioritized alarms
- 5 Up to eight simultaneous waveforms
- 6 Configurable QuickKeys for fast access to functions
- 7 Interface control prompt
- 8 Intelligent, quiet cooling system

# The Penlon SP M5 patient monitor provides clarity, simplicity, flexibility and fast processing power in a compact unit for superior monitoring in all clinical areas.

Ultimate flexibility begins with multiple module options for a wide variety of clinical situations, including the operating theatre and recovery.

## Parameters and modules

### ECG

- 3/5 lead or optional 12 lead set
- ST detection and arrhythmia analysis
- Optional 'extended' Mortara algorithms

### SpO<sub>2</sub>

Choice of SpO<sub>2</sub> including optional Masimo SET™ or Nellcor OxiMax™.

### IBP

Up to eight IBP channels.

### Gases

Mainstream, Sidestream or Microstream CO<sub>2</sub> modules, Multi-gas with optional paramagnetic O<sub>2</sub> and integrated Bispectral Index (BIS).

### Additional parameters

- Cardiac output

### Multi-parameter module

The multi-parameter module (MPM) measures SpO<sub>2</sub>, NIBP, 3/5 lead ECG, Temperature and Respiration as standard. There are eleven further MPM configurations to choose from.

### Multi-gas for anaesthesia

The SP M5 is easily configured for use in the operating theatre with a choice of automatic gas identification modules, ensuring continuous monitoring of O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>O, and anaesthetic agent. Depth of anaesthesia can be evaluated by the integral BIS unit.

## Display

The 12.1" touch screen display is fast and easy to use, and can be configured to show up to eight simultaneous waveforms, with user-configured waveform colours.

### 1 Minitrends display

Split screen view showing mintrends for multiple parameters alongside waveforms.

### 2 Large numerics display

Shows vital information clearly, to minimise interpretation errors.

### 3 OxyCRG display

Combines multiple respiratory trends in a single area, allowing instant evaluation of breathing efficiency.

### 4 Menu

QuickKeys give instant access to basic tasks, including patient admission and discharge, and alarm configuration.

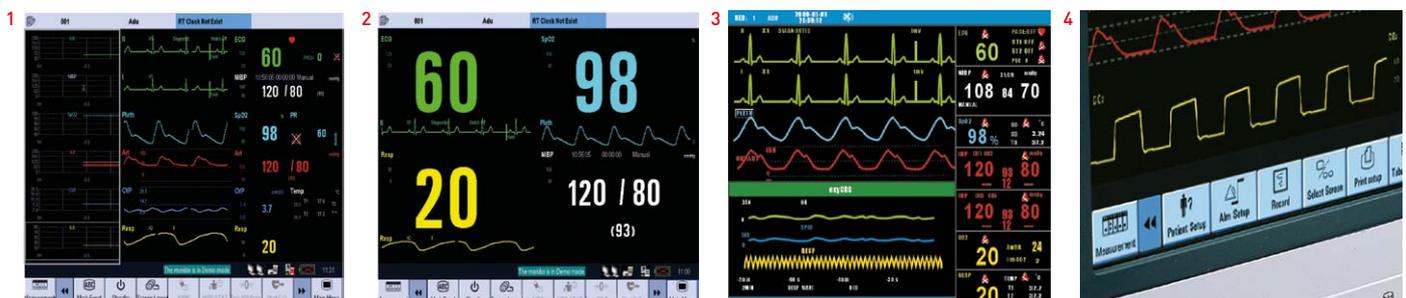
## Networking and data storage

Wired or wireless networking for connection to central station care groups (up to 10 monitors per group) allows viewing of other beds. Additional local data storage is available via the optional CF card.

## 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.

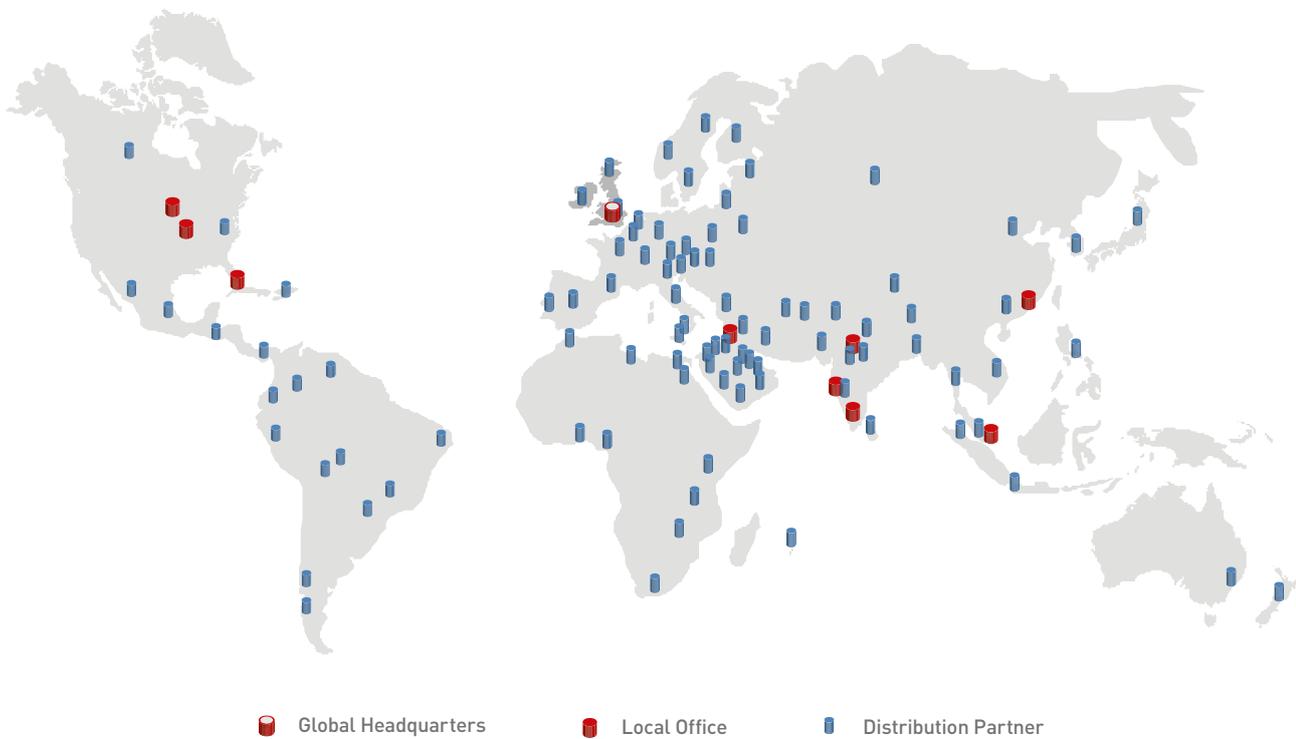


## About Penlon ♦

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 at Oxford University.

Today Penlon continues to design, engineer and build high quality anaesthesia products at its UK 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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