

Penlon Prima 465 Anaesthesia System

ANAESTHESIA SOLUTIONS

- ◆ Electronic gas mixer with digital flowmeters
- ◆ 12.1" TFT colour touchscreen
- ◆ Optional anaesthetic gas monitoring
- ◆ Integrated heated absorber module
- ◆ Selectatec® compatible backbar
- ◆ Designed and built in the UK



Penlon Prima 465 Anaesthesia System



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

- 1 12.1" TFT touchscreen display with electronic gas mixer and digital flowmeters
- 2 Up to eight ventilation modes
- 3 Versatile top shelf with secure GCX™ mounting system for patient monitors
- 4 Penlon SP M5 patient monitor
- 5 Territory-specific electrical outlet options
- 6 Selectatec® compatible backbar (two station)
- 7 Up to three cylinders
- 8 Illuminated work space with pull-out writing surface
- 9 GCX™ compatible aluminium uprights for additional accessory mounting
- 10 Large capacity drawer units
- 11 Integrated CO₂ absorber and bellows unit with ventilator interface
- 12 Backlit dual Common Gas Outlet (CGO)

The Penlon Prima 465 is the latest high-end anaesthesia system from Penlon providing the ideal solution for today's busy operating room

Clinician-focused choices and benefits, including intuitive 12.1" TFT touchscreen with electronic gas mixer, digital flowmeters and optional anaesthetic gas monitoring

Platform

The Prima 465 Anaesthesia System has evolved from a strong core specification, and is suitable for adult, paediatric and neonatal patient profiles.

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

Flow Control and Visualisation

The Prima 465's user friendly 12.1" touchscreen display provides:

- Electronic gas mixer with selectable gas combinations (O₂, O₂ + AIR or O₂ + N₂O), adjustable O₂ concentration and control of fresh gas flow rate
- Intuitive interface provides overall parameter settings, measurements and graphic trend data
- Optional Sidestream or Mainstream anaesthetic gas monitoring
- Optional Sidestream CO₂ monitoring
- Optional Masimo SpO₂ monitoring

For enhanced patient safety all models utilise an electronic anti-hypoxic device and a backup O₂ gas delivery system.

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" TFT LCD touchscreen colour display; standard parameters: 3/5 lead ECG, RESP, NIBP, SpO₂, PR, 2-TEMP, and 2-IBP; three module slots for additional parameters: 12 lead ECG, SunTech NIBP, Sidestream/Microstream/Mainstream EtCO₂, Sidestream/Mainstream Anaesthetic Gas/O₂, Nellcor SpO₂, 2-IBP, 2-TEMP and Cardiac Output.

System components

A reliable platform, combining advanced features and value for money. The Prima 465 is easy to use and maintain, with proven performance.

1 Intuitive User Interface

An easy to use 12.1" TFT touchscreen display with electronic gas mixer, and digital flowmeters. Up to eight ventilation modes are available including VCV, PCV, PSV, PRVC, SIMV-VCV, SIMV-PCV and SIMV-PRVC, with PEEP available in all ventilation modes. Anaesthetic gas monitoring, Sidestream CO₂, and Masimo SpO₂ monitoring are also available.

2 CO₂ 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 built-in heating system, and the main components are autoclavable.

3 Anaesthesia Vaporizers

The award winning Sigma Delta and the new Sigma EVA desflurane vaporizers offer multiple agent and filler system options to suit all clinical requirements.

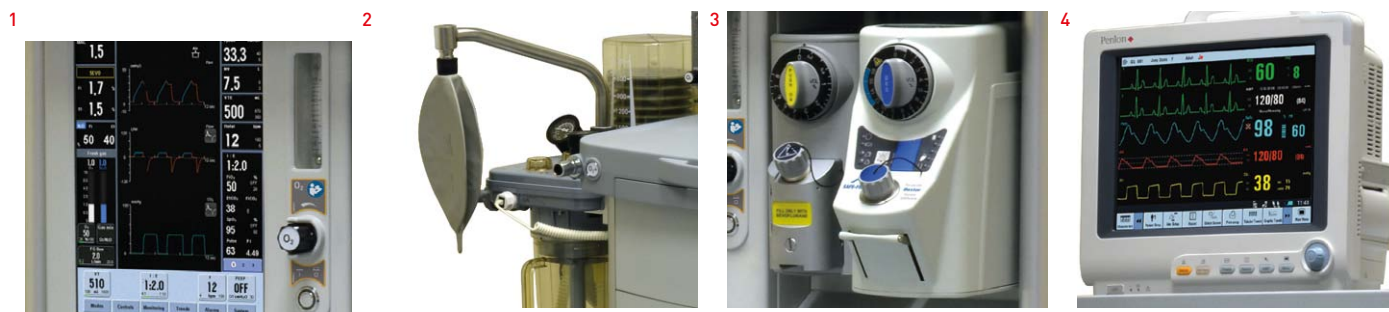
4 SP M5 Patient Monitor

A lightweight and compact patient monitor with a 12.1" colour TFT touchscreen display, extensive parameter options, rechargeable 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.

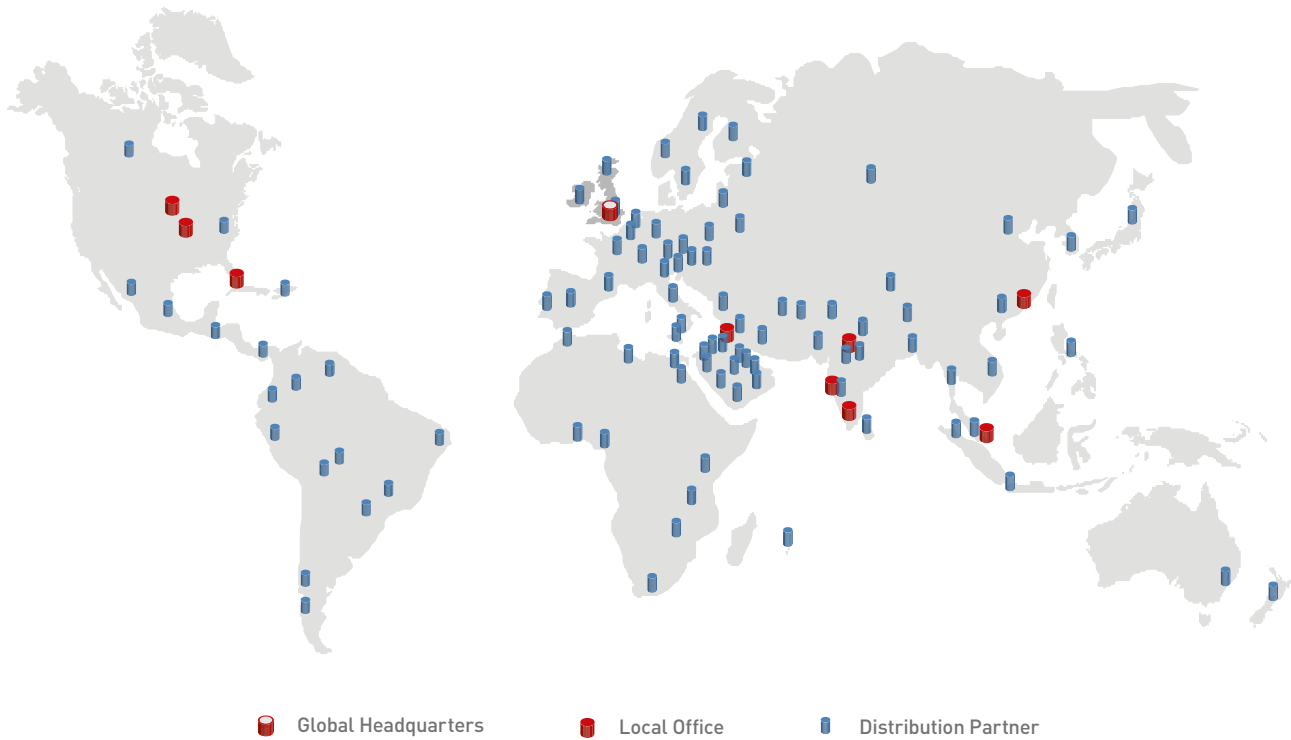


About Penlon ♦

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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