



## Penlon Anaesthesia Products and Services

UK DESIGN AND BUILD - GLOBAL DISTRIBUTION AND SUPPORT

Penlon 

Penlon has a comprehensive range of products for anaesthesia, intubation, patient monitoring, and suction and oxygen therapy.

The Prima 400 Series Anaesthesia System, is the latest high quality, reliable, medical device designed and manufactured at our UK headquarters and distributed globally.

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# Penlon Prima 460 Anaesthesia System

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The Prima 460 is a fully featured anaesthesia system providing the ideal solution for today's busy operating room

Clinician-focused choices and benefits, including electronic flow display options, generous work space, a functional top shelf module and GCX™ compatible monitor mount

- ◆ Electronic flow display and conventional flowmeter options
- ◆ Fully integrated ventilator (electronic) and absorber
- ◆ Selectatec® compatible backbar (two or three stations), with interlock on three station option
- ◆ HIS connectivity
- ◆ Intuitive design
- ◆ Low life costs
- ◆ Fully compliant to ISO 80601-2-13 Standard and to the Restrictions of Hazardous Substances (RoHS) Directive
- ◆ Designed and manufactured in the UK



# Penlon Prima 450 Anaesthesia System

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

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

- ◆ Electronic flow display and conventional flowmeter options
- ◆ Fully integrated ventilator (electronic) and absorber
- ◆ Selectatec® compatible backbar (one or two stations)
- ◆ HIS connectivity
- ◆ Intuitive design in a compact footprint
- ◆ Low life costs
- ◆ Fully compliant to ISO 80601-2-13 Standard and to the Restrictions of Hazardous Substances (RoHS) Directive
- ◆ Large capacity drawer units
- ◆ Designed and manufactured in the UK



# Penlon Prima 451 MRI Anaesthesia System

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The Prima 451 is designed and constructed to ensure full compliance for use within the MRI suite, and incorporates selected features of the Prima 400 Series

- ◆ Designed specifically for use in the MRI suite
- ◆ Fully integrated ventilator (electronic) and absorber
- ◆ Distinctive colour scheme for identification as an MRI compliant workstation
- ◆ Two station Selectatec® compatible backbar
- ◆ All ancillary equipment stored on the machine is visible, reducing the risk of unsecured items being attracted by magnetic forces during the MRI process
- ◆ Intuitive design in a compact footprint
- ◆ Designed and manufactured in the UK



# Penlon SP M8 Patient Monitor

The latest modular patient monitor offering the highest level of performance

- ◆ 17" TFT colour display with up to 12 waveforms
- ◆ Touchscreen control
- ◆ Up to 13 module slots available when used with the Satellite Module Rack
- ◆ Multi parameter modules with 3/5/12 lead ECG, Resp, NIBP, SpO<sub>2</sub>, Temp and IBP
- ◆ Choice of Nellcor™, Masimo™ or Mindray SpO<sub>2</sub>
- ◆ Multi-Gas analyser with optional O<sub>2</sub> and BIS
- ◆ Sidestream, Mainstream and Microstream CO<sub>2</sub> modules
- ◆ 2 x rechargeable Li-ion batteries
- ◆ Wireless networking



# Penlon SP M5 Patient Monitor

The SP M5 patient monitor combines high levels of sophistication with ease of use, providing powerful monitoring tools for every clinical department

- ◆ 12.1" TFT colour display with up to 12 waveforms
- ◆ Light, compact and fully featured
- ◆ Touchscreen control
- ◆ Up to 13 module slots available when used with the Satellite Module Rack
- ◆ Multi parameter modules with 3/5/12 lead ECG, Resp, NIBP, SpO<sub>2</sub>, Temp and IBP
- ◆ Choice of Nellcor™, Masimo™ or Mindray SpO<sub>2</sub>
- ◆ Multi-Gas analyser with optional O<sub>2</sub> and BIS
- ◆ Sidestream, Mainstream and Microstream CO<sub>2</sub> modules
- ◆ 2 x rechargeable Li-ion batteries
- ◆ Wireless networking



# Penlon Sigma Delta Vaporizer

The Sigma Delta vaporizer delivers accurate concentrations under varying conditions of flow rate and temperature, particularly at low flow

- ◆ Sevoflurane, Isoflurane, Enflurane, Halothane
- ◆ Selectatec®, Dräger Plug-In®, North American Dräger, Cagemount compatible
- ◆ Key Fill, Quik Fil®, or Pour fill
- ◆ Superb performance, particularly at low flows
- ◆ Service Free\*
- ◆ Low body weight
- ◆ Internationally recognised, award-winning design

\*Presumes ten year product life requiring no preventive maintenance service. It is recommended that a service is carried out at ten years. Halothane vaporizers require a five year service.



## Penlon Diamond Fibrelight Laryngoscope Range

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The Diamond Fibrelight Range is a fully interchangeable, internationally compatible laryngoscope system that provides brighter light, premium quality and performance for life<sup>†</sup>

- ◆ Excellent fibreoptics and gold switch contacts - ability to withstand repeated autoclave treatment
- ◆ Five year guarantee on light guide, and lifetime guarantee<sup>†</sup> on all blades and handles
- ◆ Removable light guide design - extends blade life, and allows easier cleaning and polishing
- ◆ Quality you can trust
- ◆ Superior polished finish - easy to clean and sterilise
- ◆ Cool, bright light - no risk of tissue burns from hot lamps during lengthy intubations
- ◆ Convenient single size standard Penlon lamp for all handle sizes



## Penlon Premier Fibrelight and Conventional Laryngoscope Ranges

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The Premier Range consists of the ISO 7376/1 'Red' System Fibrelight and traditional 'Hook-on' Conventional Laryngoscopes

- ◆ Lifetime guarantee<sup>†</sup>
- ◆ Fast delivery from stock
- ◆ Standard handle is waterproof for easy sterilisation
- ◆ The Penlight handle gives improved balance with smaller blades
- ◆ The Stubby handle is designed to facilitate difficult intubation on a short neck or a barrel-chested patient
- ◆ Manufactured to ISO 9001 and EN 46001
- ◆ CE marked

<sup>†</sup>Further information about Penlon's laryngoscope guarantee is on our web site



## Penlon McCoy Laryngoscope Range

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The original levering tip laryngoscope for difficult intubation now with over twenty years refinement and experience guarantees performance you can trust

- ◆ Available for Diamond ISO 'Green', ISO 'Red' and Premier Conventional 'Hook-on' Systems
- ◆ Unique, high quality levering tip
- ◆ Elevation of the epiglottis with less overall movement

The McCoy provides the clinician with greater flexibility and improved control in a wide selection of difficult intubation cases such as:

- ◆ Forward displacement of the Larynx
- ◆ Forward or prominent upper teeth
- ◆ Backward displacement of the tongue
- ◆ Decreased neck movement
- ◆ Cervical spine injuries
- ◆ Decreased mouth opening
- ◆ Recessive mandible



# Penlon SC760 Suction Controller

The lightweight plastic design and colour coded body of the SC760 Suction Controller provides excellent performance with uncompromising safety

- ◆ 0 – 20 kPa low suction range
- ◆ 0 – 86 kPa high suction range
- ◆ Lightweight construction
- ◆ Colour coded high or low suction models for additional safety
- ◆ Supplied with BactiTrap® anti-bacterial filter
- ◆ Extensive connection options
- ◆ Vacuum adjustment and separate on/off switch
- ◆ MRI Compatible\*
- ◆ Twin unit available (high suction only)

\*MRI compatibility does not infer zero magnetism but an acceptable level of magnetism within a specified magnetic field. For further information please go to our web site.



# Penlon Single and Twin Flowmeters

Single, Twin and Low Flow Flowmeters available in oxygen or air configurations

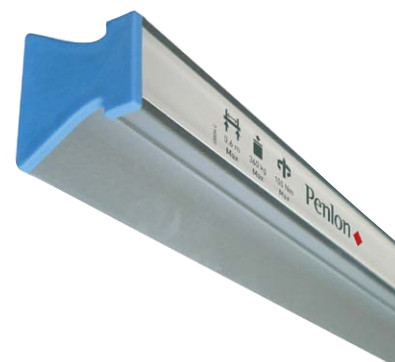
- ◆ 0 – 15 L/min standard flow rate
- ◆ Low flow, 0 – 3 L/min and 0 – 5 L/min, also available
- ◆ Pressure compensation prevents back pressure build up on flow indicator
- ◆ Incorporates static charge dissipation device to ensure accurate readings
- ◆ Available with either a BS EN 737 probe, 1/8" NPT Universal thread or 3/8" BSP connector
- ◆ Durable polycarbonate flow tube and cover
- ◆ Anodised aluminium body and control
- ◆ Compatible with Penlon nebuliser range
- ◆ Twin graduated scale provides precision low flow control
- ◆ Replacement plastic nipples available
- ◆ Extensive mounting options and pipeline connection types available, including DIN, DISS and AFNOR



# Penlon Medical Rail System

Versatile medical rail system for all wall mounting and mobile trolley applications

- ◆ Strong aluminium construction
- ◆ Anodised extrusion
- ◆ Trolley mounted system also available
- ◆ Cost effective alternative to Bedhead Trunking
- ◆ Profile accommodates all commonly used rail clamp systems
- ◆ Available in one, two or three metre lengths (or in customer specified lengths, up to three metres)



# Penlon World Class Service Support

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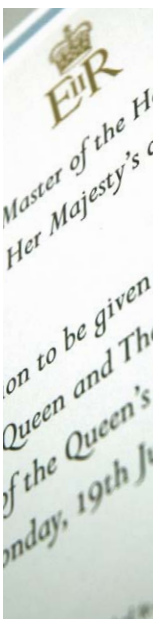


**All Penlon products are covered by a comprehensive warranty and our distributors are fully supported with a global service and technical support package.**

Penlon leads the field with bespoke technical training packages that truly empower and enable distributors to maintain equipment to the required standard and provide excellent customer service at a local level.

Feedback from our experienced team of UK service engineers and worldwide partners ensures that our training courses are up-to-date and relevant. Choose either a course at Penlon headquarters designed specifically for your personnel, or a regional scheduled course where you will attend with other distributors. All courses are challenging and stimulating, and on completion, attendees receive an industry accepted course certificate.

Penlon prides itself on an outstanding technical support service by phone or email, providing instant personal contact for guidance and resolution of queries. Service options offer excellent value for money and can include bespoke care packages. Where required we can also offer a complete return-to-base (UK Headquarters) service.



## Awards

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Penlon has always worked tirelessly to ensure customers have high quality, British-made products that are reliable, innovative and fit for purpose.

This goal-driven approach has yielded many awards and accolades of which the company is very proud.

Most notable are the four separate Queen's Awards, spanning over four decades from 1968 to 2010, including a prestigious Award for Innovation given for the design of the Sigma Delta Vaporizer.

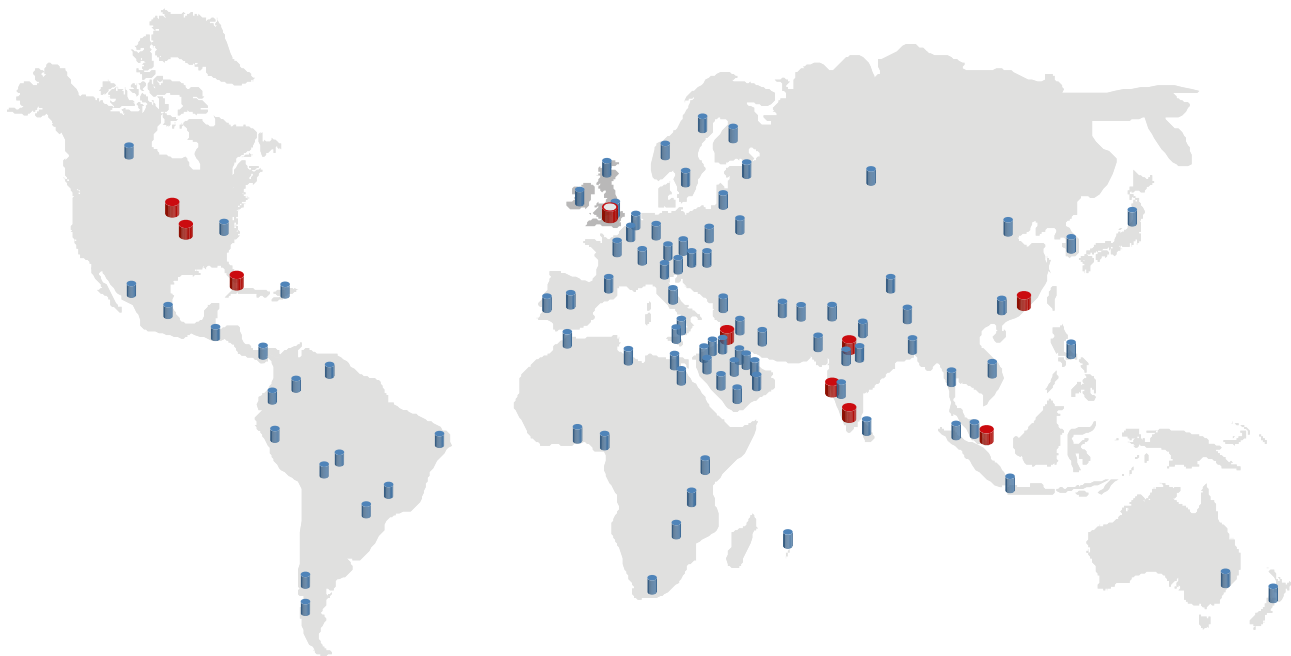


## About Penlon ♦

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.



 Global Headquarters     Local Office     Distribution Partner



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