



Suction and Oxygen Therapy Range

SUCTION AND OXYGEN THERAPY SOLUTIONS

Penlon 

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

Penlon Oxygen Therapy Systems and Suction Control Systems are a comprehensive range of CE marked products for use in all hospital departments.

Contents

- 3 Flowmeters and accessories
- 4 Bubble Humidifier and Medical Gas Regulators
- 5 Suction Controllers and BactiTrap® filter
- 6 Injector and Electric Suction Systems
- 7 Receiver Jars and Medical Rail System



Penlon Single Flowmeters

Single Flowmeters available in oxygen or air configurations

- ◆ 0 – 15 L/min standard flow rate
- ◆ Low flow, 0 – 3.5 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
- ◆ 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 Twin Flowmeters

Twin Flow Flowmeters available in oxygen or air configurations

- ◆ 0 – 15 L/min standard flow rate
- ◆ 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
- ◆ Twin graduated scale provides precision low flow control
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Flowmeter Accessories

Tubing nipples

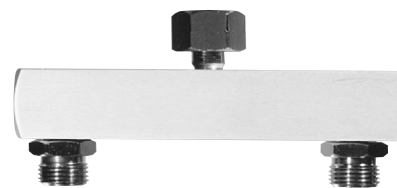
- ◆ Universal tubing nipple with 1/2" BSF male thread
- ◆ Tubing nipple with 3/8" UNF female thread available for oxygen or air



Therapy Flowmeter Mounting Options

A range of mounting options for Penlon's Therapy Range

- ◆ Twin back bar only available with $\frac{3}{8}$ " BSP (pictured) or $\frac{1}{8}$ " NPT Universal thread
- ◆ Remote kit with 'V' plate for single or twin flowmeters, 2 m hose, available for oxygen and air (4 bar)
- ◆ Remote kit with 44 mm rail clamp for single or twin flowmeters, 2 m hose, available for oxygen and air (4 bar)



Penlon Bubble Humidifier

A choice of standard format (pictured) or occlusion protection models, for use with oxygen therapy flowmeters, for the humidification of inspired gases

- ◆ Fully compatible with the Penlon flowmeter range
- ◆ Reusable



Medical Gas Regulators

A comprehensive range of high quality regulators for medical gas therapy applications, and gas driven resuscitation/life support systems

- ◆ Therapy regulator with Bullnose inlet, and $\frac{3}{8}$ " BSP or Schrader outlet
- ◆ Selectable flow regulator with pin-index inlet and 10 flow settings
- ◆ Resuscitation regulator with pin-index inlet, and Schrader and hose nipple outlets
- ◆ Easy to use, quiet operation
- ◆ High quality, precision components, provide accurate output flows



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 relates to the SC760 MRI controller kit – high suction, forward facing mounting with 2 or 4 m hose (5006846 or 5007495). This product is certified as MRI safe for use with 1.5 and 3 tesla scanners, up to the 1000 gauss line.



Penlon Intermittent Suction Controller

Suction Controller with intermittent and continuous modes, and a 7 – 40 kPa vacuum range

- ◆ Single action, instant switch between continuous and intermittent suction modes
- ◆ Easy adjustment of vacuum level with large control and progressive action
- ◆ Separate on/off switch
- ◆ BactiTrap anti-bacterial filter
- ◆ Automatic vacuum relief
- ◆ Versatile range of cycling times for 'Suction On' and 'Suction Off' in Intermittent mode
- ◆ Suitable for all general hospital aspiration procedures, with the ability to switch to intermittent operation



BactiTrap® Anti-bacterial Filter

High Performance anti-contaminate unit for your Vacuum Pipeline System, combining filtration of airborne and droplet-borne bacteria with protection from aspirated material overflow

- ◆ Prevents overflow from suction device into Pipeline System
- ◆ Controls spread of bacteria and viruses
- ◆ Prolongs life of suction device
- ◆ Visual indication of contamination, and suction cut-off gives instant hazard warning of aspirated material overflow
- ◆ Available in packs of 48



Penlon AV500 Injector Suction Unit

The AV500 is a compact and reliable injector suction unit, ideal for mounting on an emergency trolley or bed

- ◆ Medical Air driven
- ◆ Quiet operation
- ◆ High quality autoclavable polycarbonate safety jar with overflow protection device
- ◆ 500, 1000 and 2000 ml jar options
- ◆ Needle valve system for accurate vacuum adjustment
- ◆ Provides the maximum vacuum with the minimum usage of gas
- ◆ Chrome plated body with needle valve system
- ◆ Vacuum gauge as standard
- ◆ Fitted with air inlet probe
- ◆ Compatible with Penlon cylinder regulators
- ◆ Rail mounted options available



Electrical Suction Units

Wide range of high quality, quiet, electric suction units for theatre, wards, clinics and emergency applications

- ◆ Filter and overflow protection device on all models
- ◆ SP70 mobile unit with braked castors for theatre use; high flow-rate (up to 60 L/min) and two 2-litre receiver jars
- ◆ SP30 for wards and clinics with 25 L/min flow rate and a 2-litre receiver jar
- ◆ SP20 Plus for emergency services, wards and clinics with mains/battery operation, 15 L/min flow rate and a 2-litre receiver jar
- ◆ V7 Portable Electric Suction Units emergency services, wards and clinics with mains/battery operation, 30 L/min flow rate, and a 1-litre receiver jar. Fittings are compatible with other popular canister and disposable liner systems



East Receiver Jar

High quality, durable receiver jar suitable for use with electric or pipeline suction systems

- ◆ 2 litre jar with integrally moulded handle
- ◆ 1600 ml working capacity with graduations every 200 ml
- ◆ Removable lid with integrated float shut-off
- ◆ Supplied with cradle and 'V' mount bracket
- ◆ Autoclavable to 140°C
- ◆ Suitable for use with all Penlon suction controllers



FloVac® Collection System

FloVac collection systems are used for the collection of organic fluids in suction and have been designed and manufactured for applications of “high flow and high vacuum” (EN ISO 10079-1 and EN ISO 10079-3)

- ◆ 2000 ml capacity with 50 ml graduations
- ◆ System consists of reusable polypropylene jar and disposable liner
- ◆ Includes GORE™ Microfiltration Media hydrophobic filter
- ◆ Hermetically sealed lid with overflow protection
- ◆ Different size ports to avoid connection mismatch
- ◆ Optional cradle and wall mounts (parallel or 'V' bracket)
- ◆ 'Tandem' port enables the connection of two or more jar
- ◆ Integrated caps on the lid enable an airtight seal of the 'Patient' and 'Tandem' ports



Penlon Medical Rail System

Penlon Medical Rail System comprises of aluminium rail, plastic insert strip and end caps and is suitable for all wall mounting and mobile trolley applications

- ◆ Strong aluminium construction
- ◆ Anodised extrusion
- ◆ Cost effective alternative to bedhead trunking
- ◆ Profile accommodates all commonly used rail clamp systems
- ◆ Available in standard one, two or three metre lengths
- ◆ Strong aluminium construction able to support any device designed for rail mounting
- ◆ Complements Penlon's rail accessories range
- ◆ Mounts directly on the wall, using standard fixings



Penlon Multi-Rail Clamp System

The Multi-Rail Clamp System, fits Penlon; Vickers' Modura; DIN; and Ohmeda (including Heavy Duty) medical rail systems

- ◆ Rail clamp: 22, 44, and 54 mm
- ◆ Rail clamp: 22 mm with 'V' or general purpose hook
- ◆ Leg/pole clamp, with or without 'V'
- ◆ 'V' socket kit

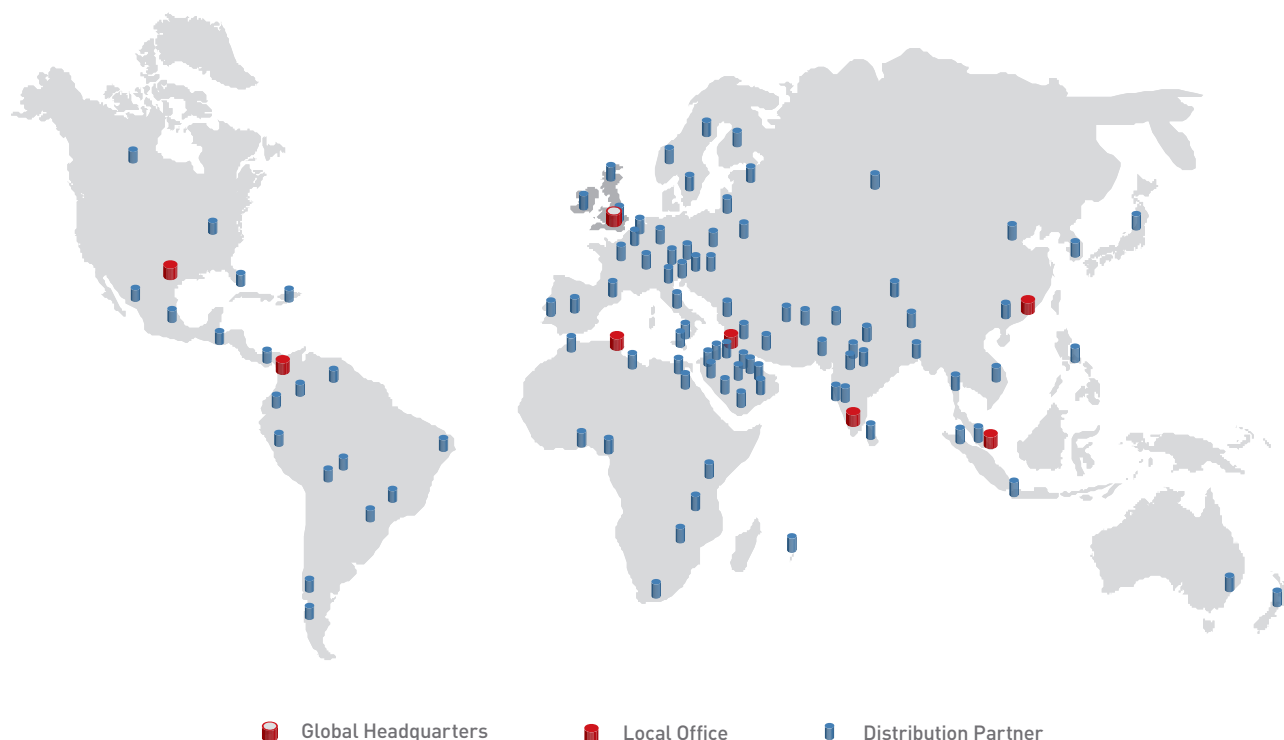


About Penlon ♦

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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