InterMed Penlon
Medical Gas Solutions

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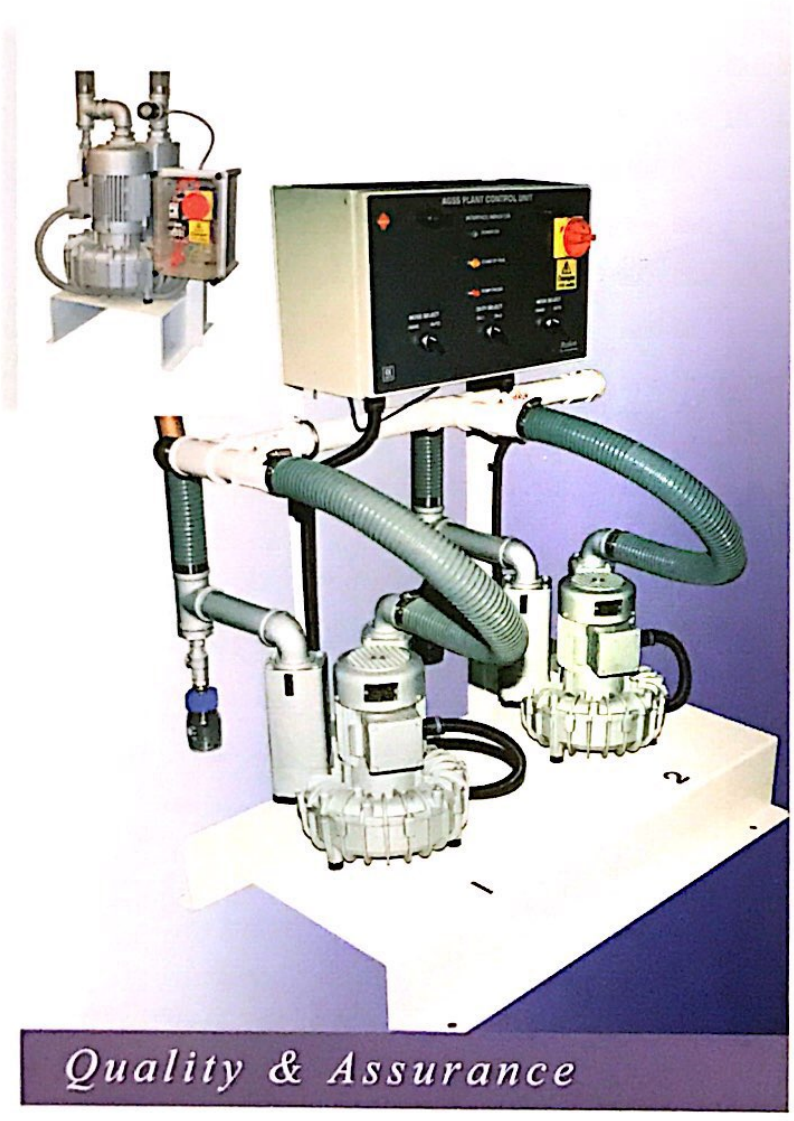
British Standard Range

AGSS (Anaesthetic Gas Scavenging System) Plant



The Penlon AGSS plant provides a system to supply multiple AGSS terminal units

- Complies with all relevant Standards
- Simplex or Duplex formats available
- Chassis mounted ready for installation
- Wall or floor mounting available for simplex units
- Anti-vibration mountings standard
- Fully tested prior to despatch

Design • Manufacture • Inspection
Installation • Service and Maintenance

ISO 9001 / EN 46001

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Product Summary

Active anaesthetic gas scavenging systems are designed to safely remove exhaled anaesthetic agents from the operating environment and dispose of them to atmosphere, thus preventing contamination of the operating department and providing a safe and healthy workspace for the personnel.

As AGSS design is dependent upon flow rate and pressure drop characteristics of the individual components of a system, it is essential that terminal units, remote controls and pump units be of Penlon manufacture.

AGSS pump units, simplex and duplex, shall be designed to meet the requirements of the specified system.

Simplex pump units shall be mounted on a steel chassis together with the necessary connections for installation into the distribution system. The inlet connection shall incorporate a vacuum switch and relief valve for system set-up. The control equipment, mounted in a secure enclosure, shall be pre-wired to the pump for installation near the pump unit.

Duplex pump units and control equipment shall be mounted on a steel chassis together with the necessary connections for installation into the distribution system. The inlet connection shall incorporate a vacuum switch and relief valve for system set-up. The inlet connections shall incorporate non-return valves to facilitate maintenance on one pump while the other is in service.

Control equipment shall be mounted in a powder coated steel enclosure and incorporate indicators for Power On and System Running, Duty Pump Failure and System Failure. There shall be a duty pump selector for manual selection of the operating pump. The standby pump shall be activated automatically on failure of the duty pump.

Product Features

Design features

- Meets the requirements of BS 6834, BS EN 737 and HTM 2022 / C11
- Anti vibration mount on pump units
- Standard controls include a complete operating and indicating system
- Standard product includes vacuum relief valve
- Condensation traps and flexible links fitted to each exhaust
- Simplex plant can be supplied for floor and wall mounting
- Weatherproof hoods available for simplex and duplex units
- Remote controls available for 240 v or 24 v operation

Easy to install

- All interconnecting wiring and pipework included
- Copper stub pipes for ease of connection to MGPS using inert gas jointing procedures

Service and maintenance

- Throughout the UK our network of service engineers provides full Service and Maintenance support of the highest quality. Outside the UK our fully trained distributors provide a similar local service.

Ordering Information

Contact our sales office, or refer to our latest price list for part number and price information.

Medical Gas Pipeline Sales
Tel: +44 (0) 1235 547038
Fax: +44 (0) 1235 547055
E-Mail: medgas@penlon.co.uk
Website
http://www.penlon.com/products/pipeline/pipeline.html

MG-ASP/02

InterMed Penlon
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Penlon Ltd, Radley Road,
Abingdon OX14 3PH, UK

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