



Bedhead Trunking Systems

Bedhead Trunking Systems for complete bedspace management

Pneumatech Medical Gas Solutions (PMGS) is a global leader in manufacturing medical gas production, delivery and control equipment. Our range of bedhead trunking systems provide our customers with the integrated medical gas and electrical services that is required for patient care throughout the facility.

Applications

Bedhead trunking systems include critical medical gas services such as oxygen, nitrous oxide, oxygen/nitrous oxide 50/50, medical air, surgical air, vacuum, AGSS, carbon dioxide and nitrogen as well as electrical services such as electrical power sockets, equipotential earth connectors, data services, nurse call, lighting, etc.

Secondary accessories including baskets, infusion holders, shelves, as well as Suction and Oxygen Therapy (SOT) equipment like flow meters, vacuum suction controllers, collection jars, etc can all be installed onto an optional equipment rail which is mounted directly to the trunking unit or the wall for heavy duty load capacity.

Horizontal Trunking Systems

The PMGS Zeus Bedhead Trunking System is designed to accommodate services such as medical gas terminal units, electrical outlets, lighting and other accessories.

With a strong emphasis on the aesthetic product appearance, the bedhead trunking system blends smoothly with the modern hospital environment and enhances the patient environment.

We offer various styles such as general care units, high dependency horizontal units and vertical headwall units.

General Care Units

Our Zeus General Care bedhead unit is specifically designed for environments requiring fewer gas and electrical services, such as hospital ward areas.

Here the emphasis is on style and functionality. The integrated lighting offers both general room lighting and patient down lighting, providing a practical and cost effective solution.

Medical rail or bracket mounted reading and examination lamps are also available, offering a more flexible solution.

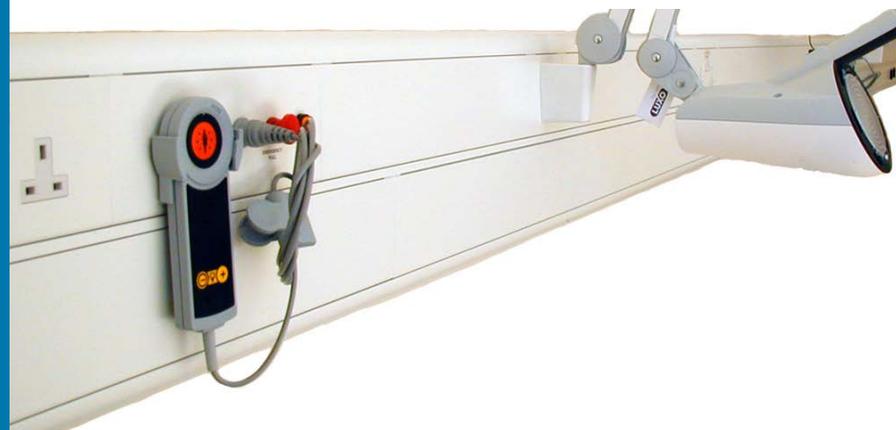


High Dependency Unit

The Zeus High Dependency Unit is designed for demanding environments such as ITU/ICU/CCU, high dependency, resuscitation, recovery, etc. These areas require a high level of services including 3 - 6 medical gas types, extensive amounts of electrical sockets and all services needed for the connection of highly critical and sensitive equipment.

An optional heavy duty wall mounted rail can be fitted to the unit, allowing for essential accessories such as infusion holders, baskets, shelves, drawers, tray, etc. Other accessory products are available upon request.

The high dependency units are not available with integral lighting option.



Vertical Headwalls

Vertical Headwall Units

The Zeus Vertical Headwall unit is suitable for applications where high service capacity is required. Up to 12 medical gas outlets can be accommodated. Electrical sockets are installed on either side of the headwall, meaning a single unit can provide services for patient beds positioned on either side of the unit. Optional equipment rail can be installed for mounting baskets, flow meters, infusion devices, etc.

Our Zeus Slim Line Vertical Headwall unit is suitable when wall space is limited - for instance in a room where a patient bed is positioned in front of a window.

Vertical units offer easy installation in rooms with solid wall construction, as it removes the need for a surface mounted down drop channel. Pipes are extended beyond the end plates so all connections to the pipeline network are made above the false ceiling level for ease of on-site installation.

For additional carrying capacity, we can provide heavy duty equipment rail. This universal rail system is suitable for attaching flow meters, suction jars controllers, collection jars, baskets and other accessories. Standard lengths are 1mt, 2mt and 3mt.

Accessories can be provide upon request.



Compliance

The line ball valve assembly is manufactured according to a quality management system compliant to ISO 13485. Moreover, the unit is designed following international regulations, including Medical Device Directive MDD 93/42/EEC. The valve assembly exceeds requirements of demanding standards, such as:

- HTM 2007, HTM 2011, HTM 2015, HTM 2020, HTM 2022, HTM02-01 & HTM08-03
- BS EN ISO 11197, BS EN 60601-1, BS EN 60598-1, BS EN 60598-2-25, BS 6496, BS 7671 & BS EN 60439
- IEC 60364-7-710
- CIE
- CIBSE LG2 & CIBSE LG3



Key Points
Factory tested and certified.
High quality components.
UK, Euro, US and other electrical socket norms.
UK, Euro, US and other gas terminal unit norms.
Easy to clean powder coated panels.
No panel gaps to reduce dust traps.
Fully customised to your needs.
Superior aesthetics to enhance the patient environment.
Easy to install.

Compliance
HTM02-01, HTM2022, HTM08-03 and all related BS EN ISO standards.

Easy installation
Pre-piped and pre-wired.

Spare parts
The Medical Gas Spares Department plays an important role in after-sales support for our customers, delivering all requirements for medical gas systems replacement parts and service components.

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.
Comprehensive one-year warranty and technical support.

