



Rigid and Retractable Pendants



Key Features

1. Bespoke configuration
2. Retractable pendant
3. Stainless steel electrical components
4. Superior aesthetics
5. Supplied factory pre-piped and pre-wired
6. Incorporating Gem 10 medical gas terminal units
7. Fully configurable
8. Integral equipment rail (option)
9. Incorporating Pureline medical gas hose assemblies (retractable)
10. Range of optional accessories

Benefits

- Manufactured to suit the site specific ceiling height, to ensure optimised positioning of services and head clearance
- An optimised solution, including 300mm retraction which enables unhindered access and movement around the operating theatre
- High quality finish and easy to clean
- Enhances the patient environment
- Ensured quality and speed of installation on site
- The World's most reliable terminal unit, now with anti-microbial additive to help minimise cross infection
- A wide range of electrical, ELV and medical gas components enable endless options of connectivity
- Allows for mounting of accessories such as flow meters, IV poles etc
- Phthalate free hose prevents patient exposure to any potentially harmful phthalate vapours
- Including stainless steel shell, IV hooks, equipment rail, Cat5e data connections, earth jacks, blue IPS sockets, 32A laser sockets, etc

*Life
is in the
details.*





General Description

Rigid and retractable pendants are principally designed for use in operating theatres and anaesthetic rooms and connected to fixed medical gas pipeline and electrical installations from ceiling level to BeaconMedæS Gem 10, DiamondCare or European terminal units and electrical sockets. The retractable pendant body consists of two telescopic octagonal sections sealed with a felt sealing strip. The pendants are supplied with a high quality RAL9002 (Light Grey) polyester powder coated finish with a stainless steel fascia. The edge of the fascia is edged with a soft rubber 'bump' strip for added safety.

The first fix plate on the retractable pendant provides the mountings for the first fix gas service kits which incorporate self sealing non-return valves for all pressure gases to automatically shut-off when a hose is removed for maintenance. Rigid pendants are manufactured with solid copper pipe-work to feed the terminal units, as per the requirements of BS EN ISO 11197:2004.

Medical Gases

A maximum of nine terminal units can be fitted to each rigid or retractable pendant. Each medical gas/vacuum and AGS service in the retractable pendant is transmitted by phthalate free hose, routed through the pendant and is colour coded in accordance with BS EN ISO 5359:2008. Surgical air and vacuum hoses are oversized to minimise pressure drop, with a 63% increased bore size over conventional designs.

Retractable Pendant

The retractable pendant incorporates a high quality robust linear actuator with extra-low voltage (12V) handset to control lowering the pendant to an ergonomic height, and then raising to enable unhindered access and movement around the operating theatre.

The normal clearance height to the underside of the pendant is 2000mm, which is reduced to 1700mm when the pendant is fully lowered.

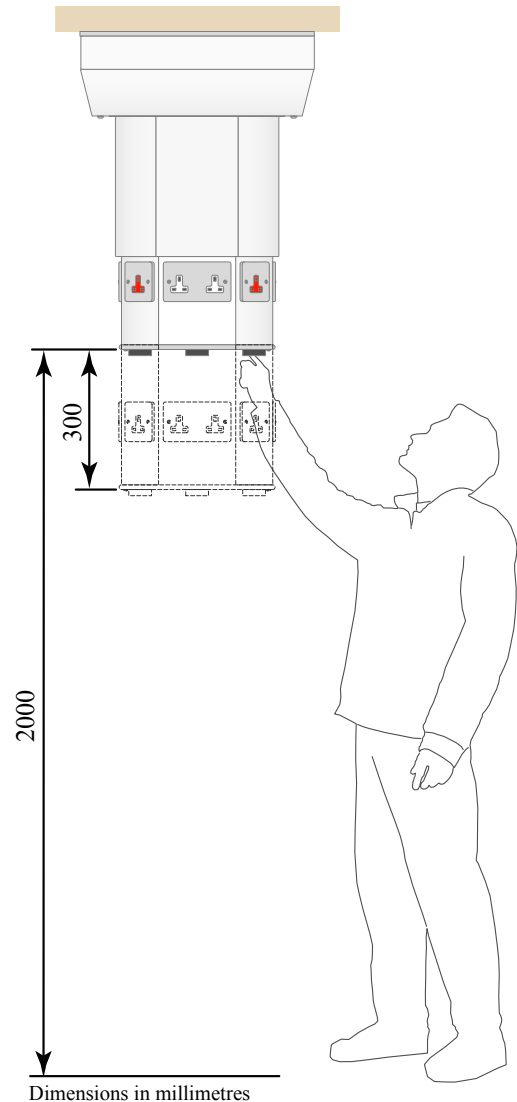
Electrical Services

With a single tier electrical system, up to 4 twin and 4 single standard electrical cutouts can be provided, which is doubled with a 2 tier design. The pendants may include provisions for extra low voltage components and other special applications in place of some of the standard electrical sockets. Electrical cables run inside flexible conduits within the pendants and terminate in junction boxes. The flexible conduit provides a physical segregation from the medical gas services. For overseas markets NFPA, DIN, AFNOR gas terminal units and US hospital grade sockets or Schuko type sockets can be supplied.

A Range of Options

We can also provide additional features such as:

- Stainless steel shell assembly
- Stainless steel IV hooks
- Cat 5e data connections
- Medical rails
- Blue IPS electrical sockets
- 32A sockets for lasers
- Equipotential earth jacks
- Special length pendants



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