

Rigid and Retractable Pendants

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 or BeaconMedæS DiamondCare 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 pipework 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 reinforced anti-static hose, routed through the pendant and is colour coded in accordance with BS EN 739:1998.



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 2000 mm, which is reduced to 1700 mm 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 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 IV hooks
- Medical rails
- Pressure gauges
- 32A sockets for lasers etc.
- Special length pendants

