Silbermann
Medical Gas Systems Since 1950

Booms/ Pendants

Overhead Suspension Arm System with a Horizontal Console – OSA8004750H



Silbermann's Overhead Suspension Arm System with a Horizontal Console provides a compact, ceiling-mounted solution designed to support critical care units such as: anesthesia workstations in operating rooms, perfusionist during heart and lung surgery etc.

The system provides convenient access to essential medical gas outlets, electrical sockets and communication connections. Its space-saving design helps create an organized, efficient working environment while maximizing available space around patients and medical staff.

Features & Benefits

- The console provides medical gas outlets, electric sockets, equipotential pins, and connectors for data transfer.
- Pneumatic brakes integrated into the console assemblies prevent unintended movement and ensure stable positioning.
- Locked position - brake handles that can be individually adapted to specific work processes. The pneumatic brake control is installed on the console via two buttons. These brakes enable the control of the main bearing brake and the intermediate bearing brake. There's an option to add a pneumatic console rotation brake.
- Easy moving & positioning that quickly adapts to changing situations, especially in emergencies ,with the flexibility to position the system overhead, above medical staff, during surgical procedures.
- Cable management - the neat and organized cables and their hanging system from the ceiling prevent hospital-acquired infection.
- The system is available in various configurations to meet different clinical and installation requirements:
  - Single one arm system
  - Single two arm system
  - Armless pendant
  - Motorized pendant

The Overhead Suspension Arm meets the requirements of:

EN ISO 11197, NFPA99, ISO 9170-1, EN ISO 7396-1, G-01

Silbermann's Quality Management System:

- EN ISO 13485-2016
- ISO 9001-2015
- CE marked

CE 0123

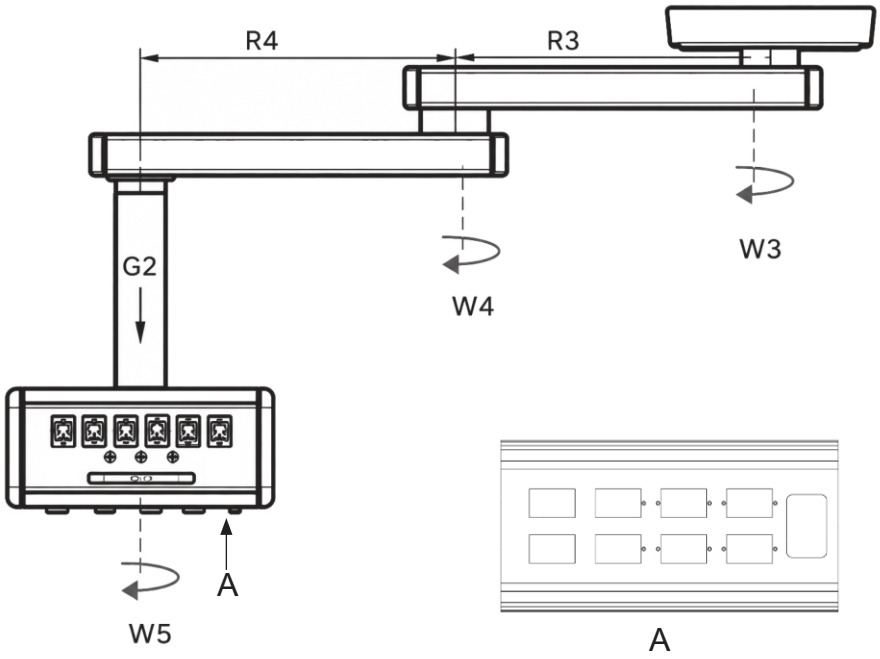
TÜV SÜD EN ISO 13485 tuv-sud.com/ps-cert

* The console length can be customized to meet customer requirements.

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Diagram

note 1



Bottom view-gas outlets configuration

Technical Data

- Max. load: G2 max 200 kg (See note 1).
- Arm length: R3 600 mm / 800 mm / 1000mm
  R4 600 mm / 800mm / 1000mm
- Rotation angle: W5, 300°
  W3, W4 340°
- Electrical Sockets: Up to 14 units
- Equipotential pins: Up to 8 units
- Data sockets: Up to 8 units
- Gas Outlets: Up to 8 units + 1 AGSS/WAGD
- Console dimension: 600mm x 300mm x 300mm
- Brakes: pneumatic

Notes:

1) The load G2 includes the weight of service head and medical equipment.
2) Customized lengths are available - please contact SILBERMANN's engineering department.

Available Configurations

Single 2 arm pendent – OSA8004750H
Single one arm pendent – OSA8004750HA
Armless pendant – OSA8004750HC
Single 2 arms motorized pendant - OSA8004750HM
Single one arm motorized pendant - OSA 8004750HAM

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