



**A Complete Solution For Modular OT
& Medical Gas Pipeline System
As Per NABH Guideline**



MERC
BIOMEDICAL

O.T. Pendants



Conforms to: IS / ISO 11197 : 2019 | IS / ISO IEC 60601-1:2015 + A1 : 2020
IS / ISO 7396-1 : 2016 + A1 : 2017 | IS / ISO 9170-1 : 2017
IS / ISO 19054 : 2005 + A 1 : 2016 (Medical Rail)

Certifications: ISO 13485:2016 – Medical devices – Quality Management Systems
ISO 9001:2015 – Quality Management Systems

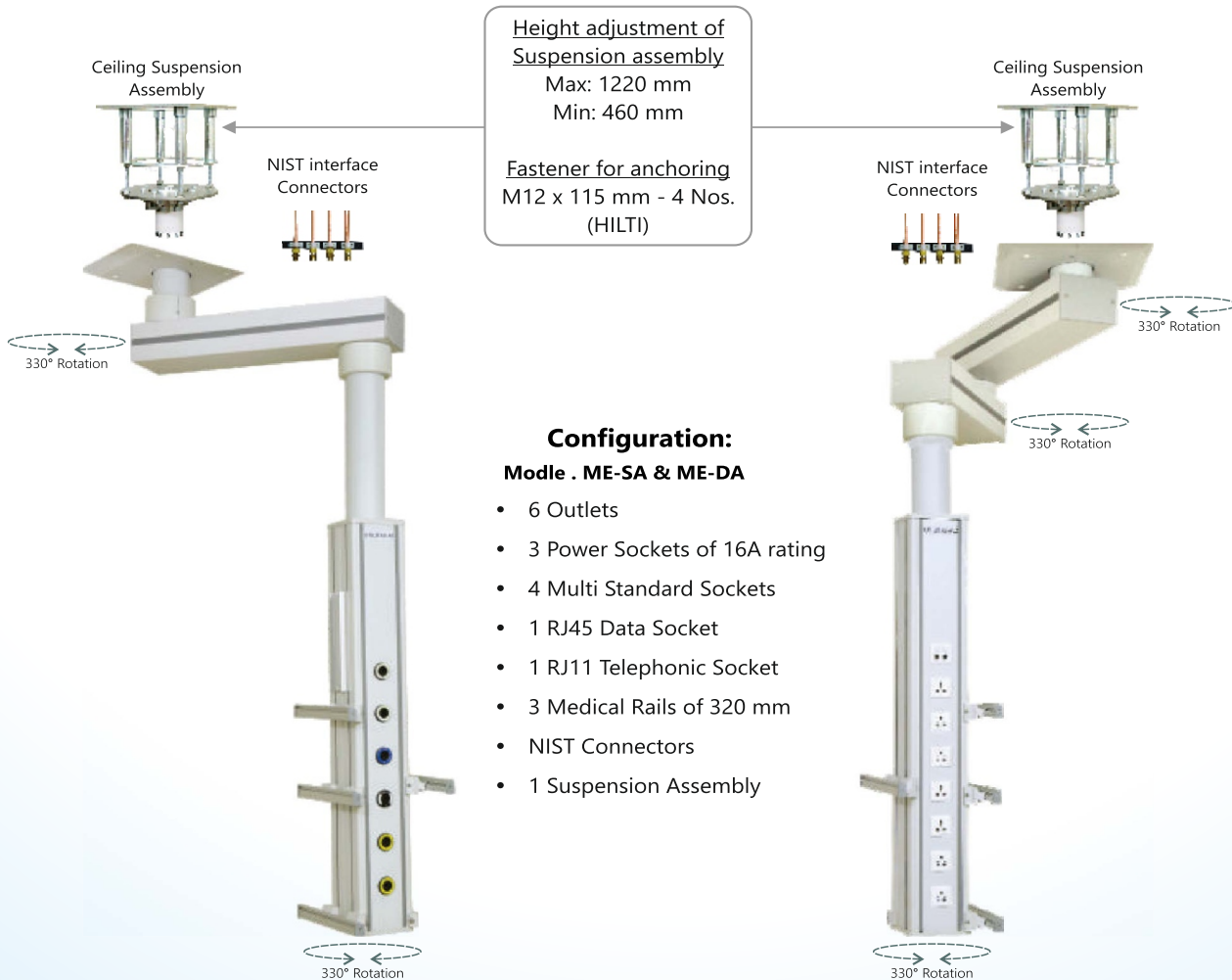
O.T. Pendants

Special Features

- 330° Utility console rotation
- 330° arm joint rotation
- High Payload
- Configurable
- Flexible Solution
- True Versatility
- Bedside safety
- Optimum functionality
- Effortless maneuverability
- Easy access to console facia
- User-friendly positioning of Medical Devices

Features

- All services integrated into the pendant system ensuring optimal safety
- Lateral arm - Large effective field for convenient positioning
- Convenient positioning of gas, equipment, electrical and speciality services
- Service head ergonomics – Shelves / Monitor mounting solutions
- Hose connection - Gas specific NIST connectors
- Power supply - Low smoke halogen cable through spiral conduit terminating at junction box
- Hygiene - Minimum visible screws, combined with smooth surfaces for easier cleaning and disinfection
- Configuration can be customized within the limits of applicable standards



O.T. Pendants

Technical Specifications

Description	ME-SA	ME-DA
Pendant Configuration	Stationary with 1 Arm Rotation - 330° + Utility Console 330°	Stationary with 2 Arms Rotation - 330° + 330° + Utility Console 330°
Length - Lateral Arm	810mm	810mm + 610mm
Functional Radius	636mm	636mm + 436mm = 1072mm combined
Rotation Utility Console	0 to 330°	0 to 330°
Utility Console Size (L x W x H)	170mm x 160mm x 1224mm	170mm x 160mm x 1224mm
Weight (Approx)	40 Kgs	50 Kgs
Payload (Max.)	150 Kgs	120 Kgs

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Gas & Vac. Terminals	6 Nos. Pre-piped & Customizable combinations
Terminal type	DISS, BS, DIN, PB & Ohmeda (Any one type) (BS by default)
220V AC Electrical sockets	Four shutter type multi-standard sockets compatible to 5-6-10-13A plugs and three 16A sockets will be provided
Communication Ports	1 - RJ45 Data socket, 1 - RJ11 Telephone socket
Support System - Medical Rail	Horizontal Medical Rail 320mm - 3 Nos. with clamps Optional - Monitor stand with mounting bracket assembly and arm Optional - Vertical round pole for Syringe Pump cum IV stand with clamps Optional - Crimped medical gas tube to connect secondary devices, Table top, Pole, Holder extensions, Shelves, Catheter jar, Suction jar, Bottle holders, Utility basket, Rubbish bag holder, Clamps for medical rail, Wire basket etc
Earthing	Protective Earth
SEEB (Optional)	Plug and socket for Supplementary Equipotential Earth Bonding
Protection	Class II, IP51
Mounting	Complete mounting system with NIST connection for gas & vac services and terminals for power connection
Vertical Boom	Alloy 6063 T6 : Extruded round aluminium profile (T = not less than 3mm). To specify length i.e. Console 1224mm + Additional boom required
Body (Pendant)	Alloy 6063 T6 : Extruded aluminium profile (T = not less than 2.5mm)
Suspension Assembly	Pre-engineered Rust-proof (passivate) Trivalent Zinc plated (8-10µm) steel
Finish (Pendant)	Epoxy coating to RAL 7035 (Textured)

O.T. Pendants

DOUBLE ARM - MOVEABLE PENDANT

Moveable Pendant Double arm is having the operational movement of only horizontal way comprising moveable pendent with 2 x 800mm long arm having weight carrying capacity of more than 90Kg, 6 no's electrical sockets 5/15 ampere, one monitor shelf and 6 nos. of gas outlets.



SINGLE ARM-MOVEABLE PENDANT

Moveable Pendant Single arm is having the operational movement of only horizontal way comprising with 1000mm long arm having weight carrying capacity of more than 90Kg, 6 no's electrical sockets 5/15 ampere, one monitor shelf and 6 nos. of gas outlets.

SWILL PENDANT

SWILL PENDANT system designed to provide Fix own Axis Rotation (270°) with Fix Shelf, medical gas outlets, electrical and specialty services. The ceiling pendant have comply with standard guideline. The Swill have extremely robust and revolve on high quality bearing, so that the pendant head glides. The pendant moving 180° or you can lock the position as per your requirements.



LAPAROSCOPIC / ENDOSCOPY PENDANT

Endoscopy Pendant Single arm is having the operational movement of only horizontal way comprising moveable pendant with long arm having weight carrying capacity 90kg of more than electrical sockets 5/15 ampere, one monitor shelf and provision of gas outlets.

LS



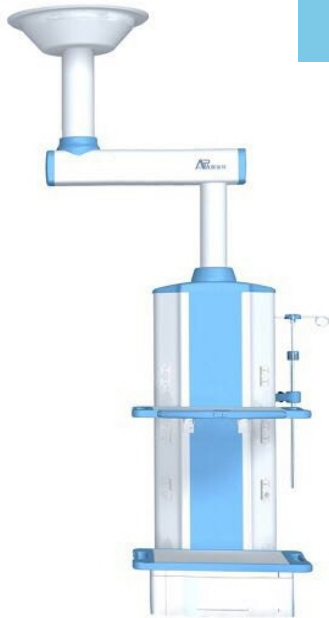
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IMPORTED PENDANTS



Surgical pendant is a new-style configuration apparatus in modern operation room, which configuration is very compact and design. It not only can lift up and down 500mm but also circumvolve of 340degree in diametral range. It's convenient for doctors when it lifts down and will not have any effect when it lift high. It is easy to move and fix the position according to doctor's requirments, it connect all the medical gas, suction, power and the network in function box and also bear weight of medical apparatus. It's a good workstation for nurses and doctors.



Multifunctional medical pillar with such characteristics as compact conformation, less space and its comnbiantion of on pillar a bed or two, Multifunctional medical pillar has found application in the ICU of hospitals' departments and recovery rooms. As its bulk is large, it can be used for installing ports to connect with various gases, force and weak electricity. video transmission. in addition, it can also be installed with multilayer instrument plarforms as well as various infusion supports and syringe pump supports and its bulk can be rolated 340 degrees simultaneously. by making the most effective use of limited space, the product aims to satisfy the clinical demonds to the maxim degree so as to provide comprehensive service for medical workers.



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