

Pendant System

The WTK pendant is a compact modular unit, which can be supplied with many configurations to suit the most advance requirement of operating needs. The pendant consists of a ceiling support, upon which a wide selection of arms can be mounted. It has the greatest advantage to accommodate all medical gas, electrical, data communication and earthing services

The various equipment possibilities – as single or dual version, one or two-arm models, with service heads tailored especially for every application to allow individual adaptation.

Thanks to user-friendly electromotive operation and the pneumatic brakes, these systems can be moved smoothly, safely and precisely.



Description

The medical gas is connected using flexible connectors for various types of gas.

Gas services are physically separated from the electrical services through segregation enclosure and compartment.

The side panels of the pendant can be removed to provide maintenance access.

Few major advantages of the WTK ceiling support pendant system: –

1. There is no more trailing leads or hoses to restrict movement within the OT; all equipment is attached via short connecting hoses or cables to integral hook up points.
2. Fully encapsulated system, incorporating modular service boxes, makes maintenance and general use easier.
3. Single or two-piece arm assemblies, motorized or static, equipment can now be located at point of use with the greatest of ease.
4. Fully equipped as desired with, high and low voltage supplies, medical gas outlet points, communication points, miscellaneous.



Versatile Design

Innovative Design in Medical Engineering

TYPICAL LAYOUT OF MULTIMOVEMENT PENDANT



Technical Specification

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
BS 5682:1984 – Terminal units, hose assemblies and their connections for use with medical gas pipeline system
EN ISO 11197:2019 – Medical Supply Unit



Model WT15001

Designation : WT15001 Multimovement Pendant 1000mm
WT15002 Multimovement Pendant 700/1000mm comes with 800mm ext. arm

Dimensions : Console Height – 600/800/1000mm
: Tray size – 450-500mm
: Motorized/ext arm- 700 or 1000mm/800mm
: Ceiling cover – 600mm dia

Lifting height : 525 / 690mm for 700 / 1000mm motorized arm
Std rotation : 320 / 340°

Load capacity : Pay Load 120kg (motorized arm 700/ext. arm 800mm)
Pay Load 90kg (motorized arm 1000/ext. arm 800mm)
* (excluding console body)

Material : Aluminium extrusion / steel body / ABS covers etc.

Finishing : Epoxy powder coating RAL 9002 texture

Accessories : Electrical sockets, terminal units, motor switch, monitor shelf, medical rails, mechanical brakes

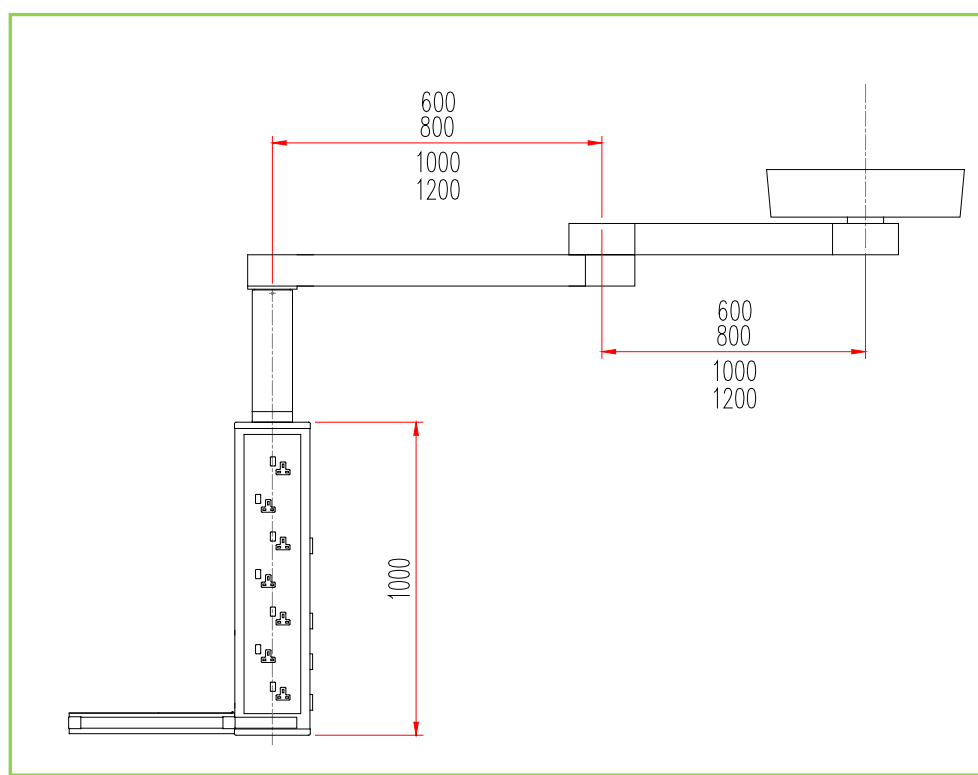
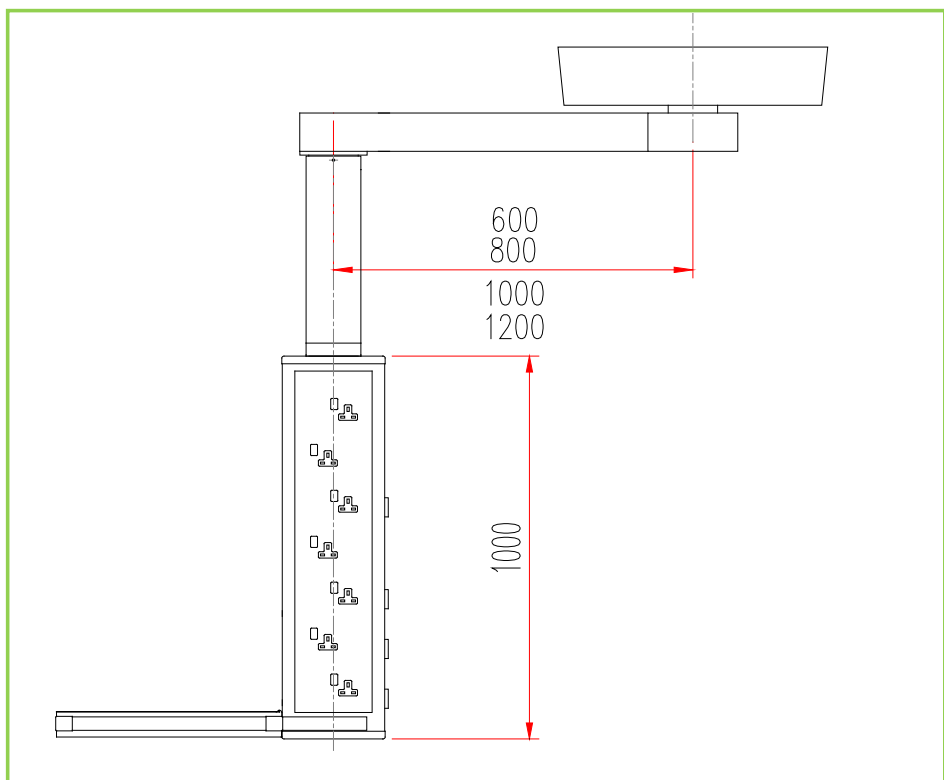
Optional : Earth stud, secondary trays, cable holder, IV poles, drawers, pressure gauges, pneumatic brakes etc.

Power Rating : 240VAC input, 50/60 Hz

Model Number

WT15001	Multimovement Pendant 1000mm arm	WT15002	Multimovement Pendant 700/1000mm arm with ext arm
	1. 600mm console		1. 600mm console
	2. 1 X fix monitor shelf c/w rails		2. 1 X fix monitor shelf c/w rails
	3. 8 X BS terminal unit		3. 8 X BS terminal unit
	4. 8 X BS electrical socket outlet		4. 8 X BS electrical socket outlet
WT15001S	Spring Arm single arm		
WT15002S	Spring Arm double arm		

TYPICAL LAYOUT OF HORIZONTAL MOVEMENT PENDANT



Technical Specification

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System C11 – NHS
Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
BS 5682:1984 – Terminal units, hose assemblies and their
connections for use with medical gas pipeline system
EN ISO 11197:2019 – Medical Supply Unit

Designation : WT15003 Horizontal Movement Pendant
WT15004 Horizontal Movement Pendant c/w ext.
arm
Dimensions : Console Height – 600/800/1000mm
: Tray size – 450-500mm
: Ceiling cover – 600mm dia
Std rotation : 320 / 340°
Load capacity : Pay Load 90kg * (excluding console body)
Material : Aluminium extrusion / steel body / ABS covers
etc.
Finishing : Epoxy powder coating RAL 9002 texture
Accessories : Electrical sockets, terminal units, monitor shelf,
medical rails, mechanical brakes
Optional : Earth stud, secondary trays, cable holder, IV poles,
drawers, pressure gauges etc.
Power Rating : 240VAC input, 50/60 Hz

Model Number

WT15003 Horizontal Movement Pendant
1. 600/800/1000mm console
2. 1 X fix monitor shelf c/w rails
3. 1000mm horizontal arm
4. 8 X BS terminal unit
5. 8 X BS electrical socket outlet

WT15004 Horizontal Movement Pendant c/w ext. arm
1. 600/800/1000mm console
2. 1 X fix monitor shelf c/w rails
3. 1000mm horizontal arm
4. 8 X BS terminal unit
5. 8 X BS electrical socket outlet

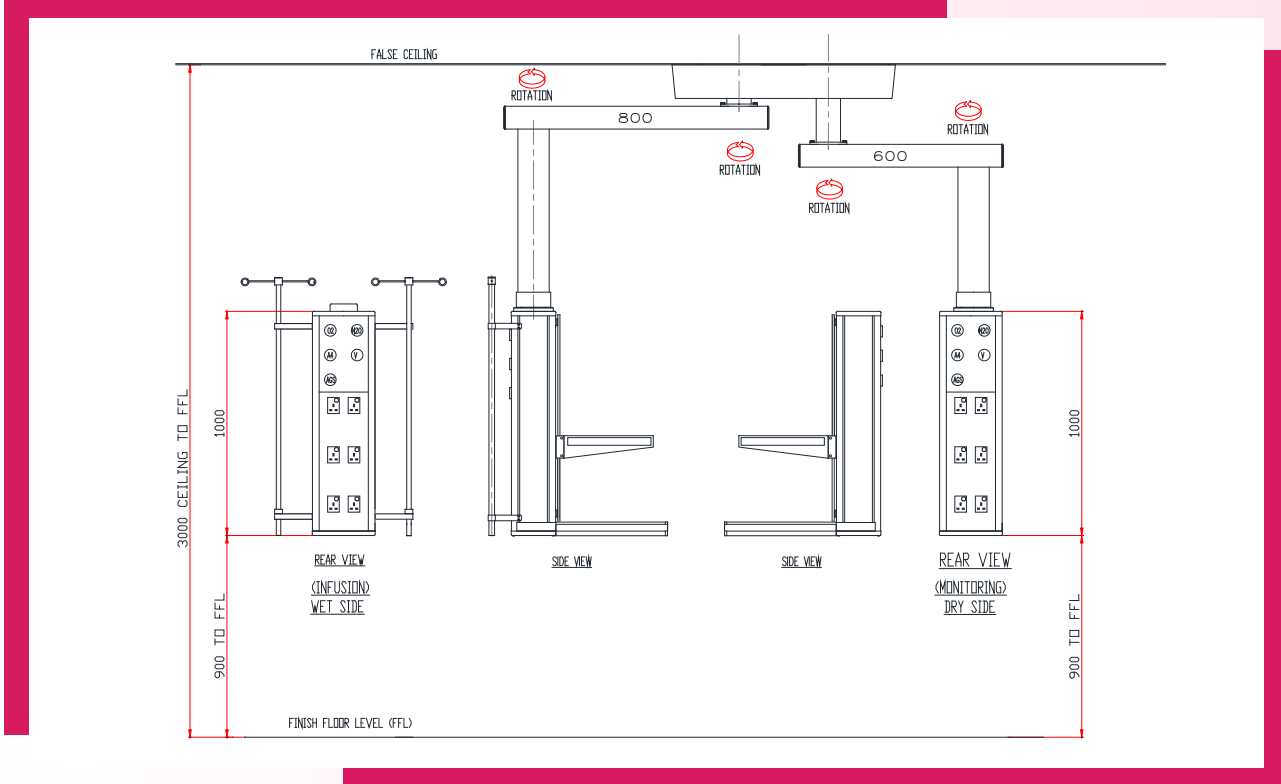


Model WT15003



Model WT15004

TYPICAL LAYOUT OF ICU / RESUSCITATION WET & DRY PENDANT



Technical Specification

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
BS 5682:1984 – Terminal units, hose assemblies and their connections for use with medical gas pipeline system
EN ISO 11197:2019 – Medical Supply Unit

Designation : Double arm Wet & Dry Pendant, Horizontal Movement
Dimensions : Console Height – 600/800/1000mm
: Tray size – 450-500mm
: Ceiling cover – 600mm dia
Std rotation : 320 / 340°
Load capacity : Pay Load 90kg * (excluding console body)
Material : Aluminium extrusion / steel body / ABS covers etc.
Finishing : Epoxy powder coating RAL 9002 texture
Accessories : Electrical sockets, terminal units, monitor shelf, medical rails, mechanical brakes
Optional : Earth stud, secondary trays, cable holder, IV poles, drawers, pressure gauges etc.
Power Rating : 240VAC input, 50/60 Hz

Model Number

WT15003D Double arm Wet & Dry Pendant, Horizontal Movement Dry Side

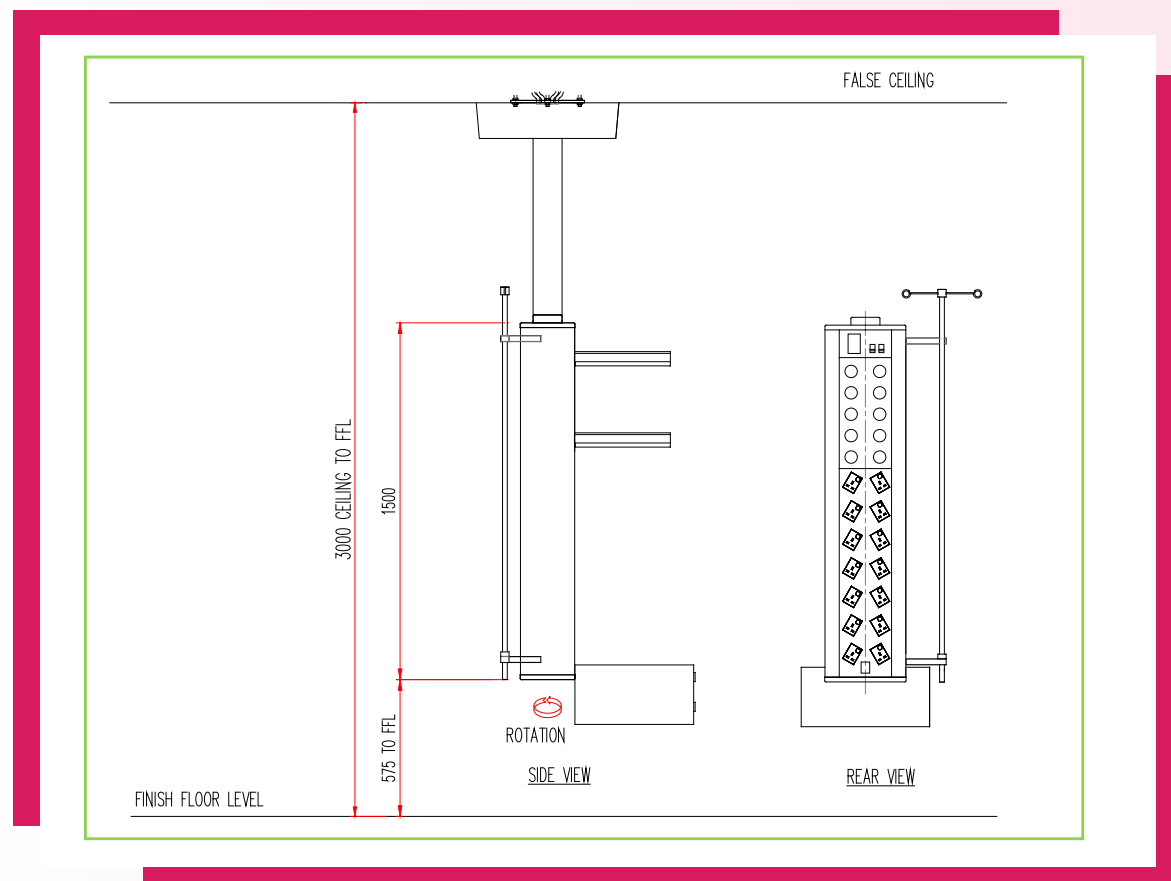
1. 600/800/1000mm console
2. 1 X fix monitor shelf c/w rails
3. 600/800/1000mm horizontal arm
4. 8 X BS terminal unit & 8 sockets

Wet Side

1. 600/800/1000mm console
2. 1 X fix monitor shelf c/w rails & adjustable tray
3. 600/800/1000mm horizontal arm
4. 8 X BS terminal unit & 8 sockets
5. IV poles c/w hooks



TYPICAL LAYOUT OF NEONATAL PENDANT



Technical Specification

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
BS 5682:1984 – Terminal units, hose assemblies and their connections for use with medical gas pipeline system
EN ISO 11197:2019 – Medical Supply Unit

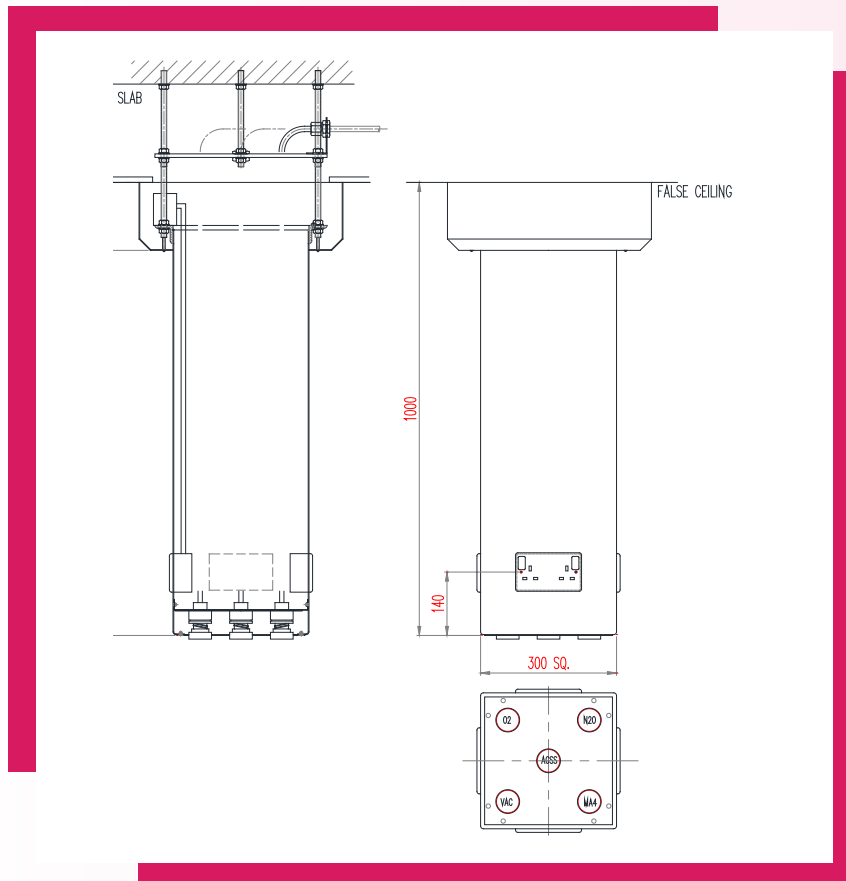
Designation : WT15008 Neonatal Pendant (No arm with Swivel Action)
Dimensions : Console Height - 1200/1500/1800mm
: Tray size - 450-500mm
: Ceiling cover - 600mm dia
Std rotation : 320 / 340°
Load capacity : Pay Load 90kg * (excluding console body)
Material : Aluminium extrusion / steel body / ABS covers etc.
Finishing : Epoxy powder coating RAL 9002 texture
Accessories : Electrical sockets, terminal units, monitor shelf, medical rails
Optional : Earth stud, secondary trays, cable holder, IV poles, drawers, pressure gauges etc.
Power Rating : 240VAC input, 50/60 Hz

Model Number

- WT15008 Neonatal Pendant (No arm with Swivel Action)
1. 1200/1500/1800mm console
 2. 1 X fix monitor shelf c/w rails, drawers & adj. trays
 3. swivel no arm.
 4. 10 X BS terminal unit & 16 sockets



TYPICAL LAYOUT OF RIGID PENDANT & OTHERS



Technical Specification

MS 2675-1:2017 Medical gas systems
 HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
 HTM 2020 – Electrical Safety Low Voltage System
 C11 – NHS Estates Model Engineering Specification
 EN737-3: 1998 – Medical Gas Pipeline System
 BS 5682:1984 – Terminal units, hose assemblies and their connections for use with medical gas pipeline system
 EN ISO 11197:2019 – Medical Supply Unit

Designation : WT15005 Rigid Pendant
 Dimensions : Body Height – 1000/1500/1800mm
 : Tray size – 450-500mm (if applicable)
 : Ceiling cover – 450mm SQ
 Material : Electrogalvanized steel body
 Finishing : Epoxy powder coating RAL 9002 texture
 Accessories : Electrical sockets, terminal units, shelf, medical rails
 Power Rating : 240VAC input, 50/60 Hz

Model Number

WT15005 Rigid Pendant

1. Body of 300mm x 300mm x 1000 ht (approx)
2. mill steel epoxy coated finished to RAL9002
3. Gas outlet plate stainless steel satin finish
4. Cover of 450mm x 450mm x 150mmH
5. Max 8 x BS terminal unit & 4 x Twin Switch socket outlets

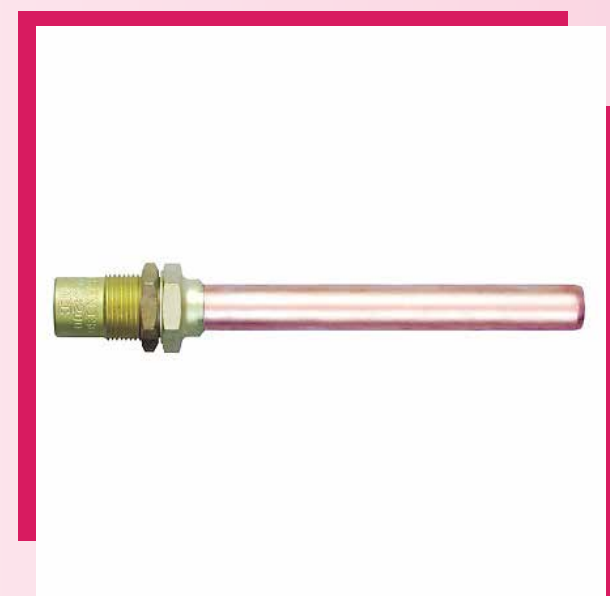
WT15006 Retractable Pendant, Std Options as Rigid Pendant
 WT15007 Flexible Pendant all gases type
 WT15008 Medical Gas Antistatic Hoses
 WT15009 First Fix NIST, all gases
 WT15010 Other Accessories



Model WT15007



Model WT15008



Model WT15009