

esco

medicon medical systems



MEDICON MEDICAL SYSTEMS





Established in 1972, ESCO has a long and proud tradition within Australia for the manufacture of Medical Service Pendants. Throughout our history we have established a reputation for innovation and change as we continually strived to advance and improve our products and service offerings. Our dedication to innovation is reflected in our recent relocation to a new facility at Silverwater, NSW, the introduction of a “Lean Methodology” and the complete review of our Medicon 700 pendant range.

Our new SIGMA Series Pendant range offers a modern stylish design with limited external fixing screws. Encompassing high quality extruded alloy components, the design is based on simple ergonomic principles that provide added flexibility and easy expansion, ensuring our products meet the ever changing user application and health and safety needs.

Designed as a modular solution, the SIGMA Series Pendant allows for the delivery of services specific to the medicine practice or procedure required, accommodating the monitoring and treatment of any patient within that environment. In addition SIGMA series service heads can be customised to include all required Electrical, Medical Gas, Data, Phone, Patient Monitoring and Nurse Assist systems, Emergency Call points, Digital Imaging interfaces and Smoke Evacuation systems.

Continuous product development combined with service and process improvements are paramount at ESCO. The SIGMA range of pendants is a reflection of this commitment and offers a solution that is excellent value, engineered for longevity and delivered on time. Combined with our on-going support and the availability of components in our range of products, the SIGMA range is an affordable, well constructed product designed to provide optimum performance today and for years to come.

At ESCO we take pride in our manufacturing processes. All our products are designed to meet and exceed the compliance standards set by world renowned bodies like Therapeutic Goods Association (TGA) Australian and New Zealand, Food & Drug Administration (FDA) America and the International Electrical Committee (IEC). All medical devices manufactured by ESCO are registered with TGA Australia.

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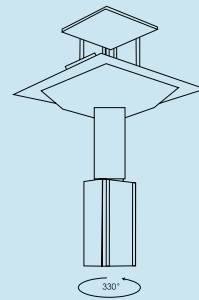
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SIGMA Pendant Series



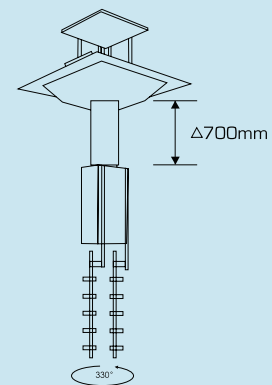
MODEL 700 C

The 700 C unit is fixed height for the head position. The 700 C unit suits all head options available - head can rotate 330°. Weight carrying limits apply, see technical data for limits.



MODEL 700 CT

The 700 CT unit is a telescopic motorised version of the 700 C model. The positioning height of the service head is left to the users' discretion anywhere along the 700mm range of vertical movement. Service head up to 1050mm can be fitted with a head rotation to a maximum of 330° .





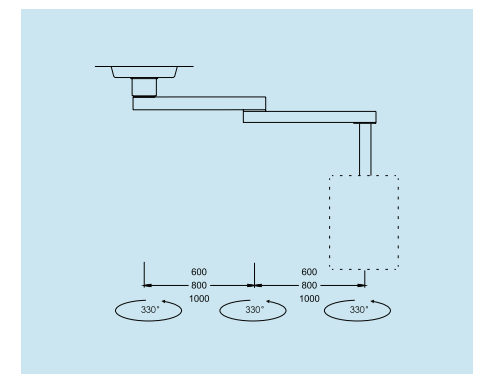
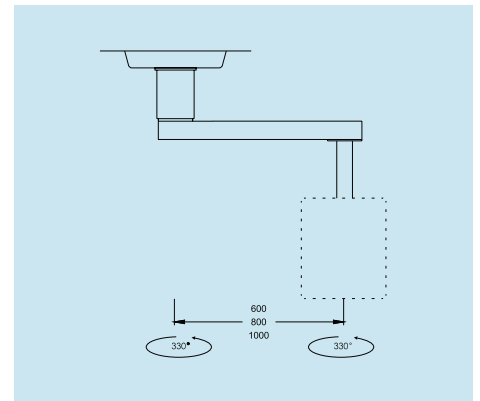
MODEL 700 CS

Fixed height services head with the added advantage of extended reach and rotation from the addition of an arm. Arms come in three standard lengths, nominally 600, 800 and 1000mm. All arms rotate 330°. The 700 CS is suited to all services head type options. Weight carrying limits apply, see technical data for limits.

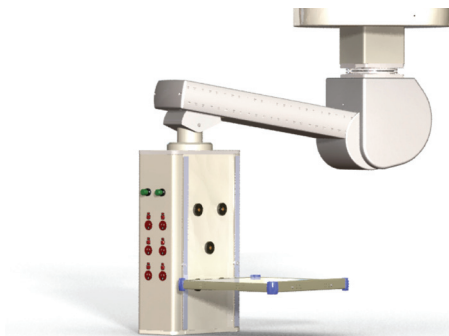


MODEL 700 CSS

This unit is an upgrade of the 700 CS to include a second articulated arm. Arms come in three standard lengths, nominally 600, 800 and 1000mm. All arms rotate 330°. The 700 CSS is suited to all services head type options. Weight carrying limits apply, see technical data for limits.

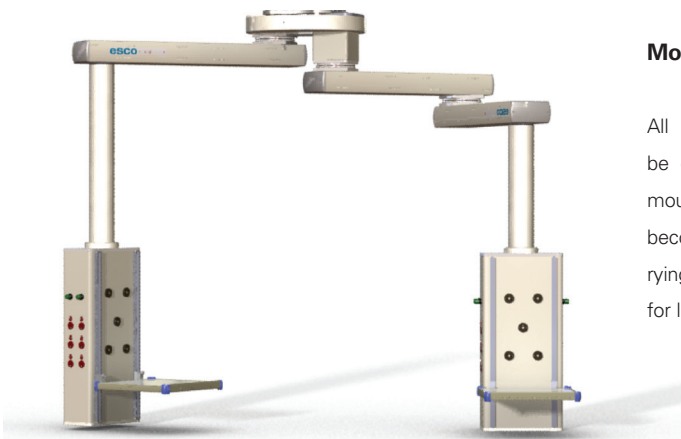
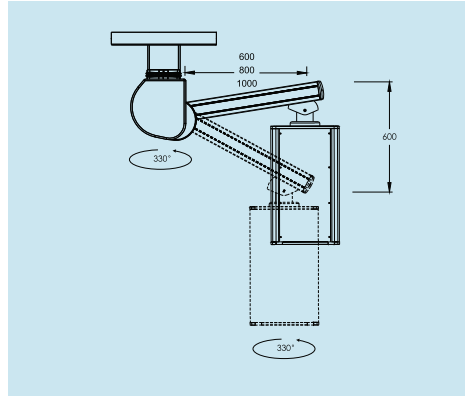


SIGMA Pendant Series



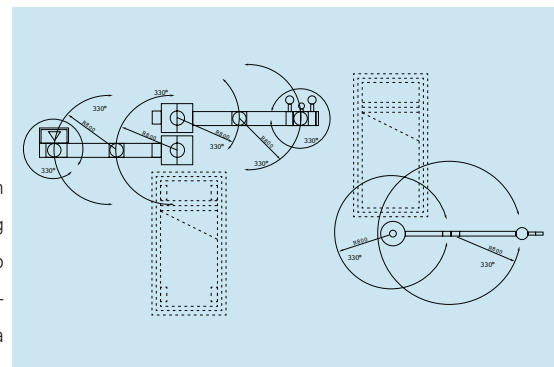
MODEL 700 CRFM

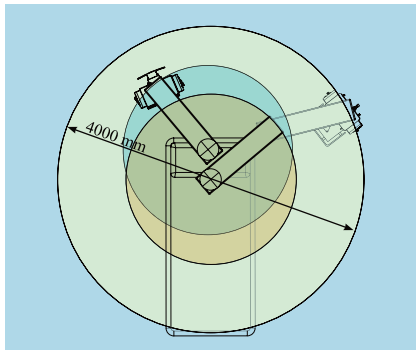
A electric motorised pendant arm that allows the Services head to be raised or lowered to the desired user height. The 700 CRFM can accept any services head to model 1050. Arms can rotate 330° and travel a vertical range of 600mm. The arm is a standard 1000mm in length. Weight carrying limits apply, see technical data for limits.



Model Duo Combinations

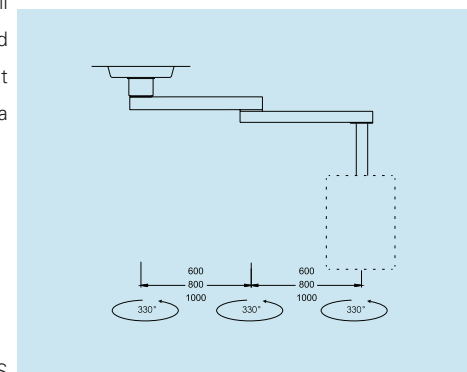
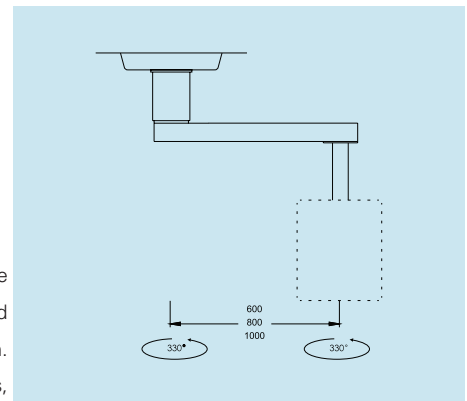
All esco pendants, with arms, can be configured to a common ceiling mount allowing the combinations to become Duo Pendants. Weight carrying limits apply, see technical data for limits.





MODEL 700 CSHD

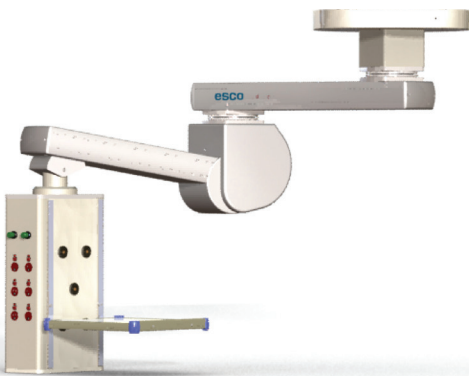
Fixed height services head with the added advantage of extended reach and rotation from the addition of an arm. Arms come in three standard lengths, nominally 600, 800 and 1000mm. All arms rotate 330°. The 700 CS is suited to all services head type options. Weight carrying limits apply, see technical data for limits.



MODEL 700 CSSHD

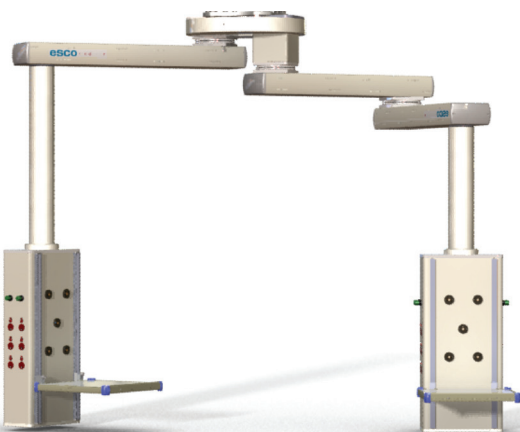
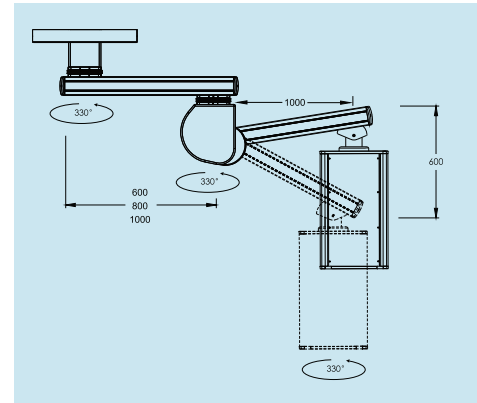
This unit is an upgrade of the 700 CS to include a second Heavy Duty articulated arm. Arms come in three standard lengths, nominally 600, 800 and 1000mm. All arms rotate 330°. The 700 CS is suited to all services head type options. Weight carrying limits apply, see technical data for limits.

SIGMA Pendant Series



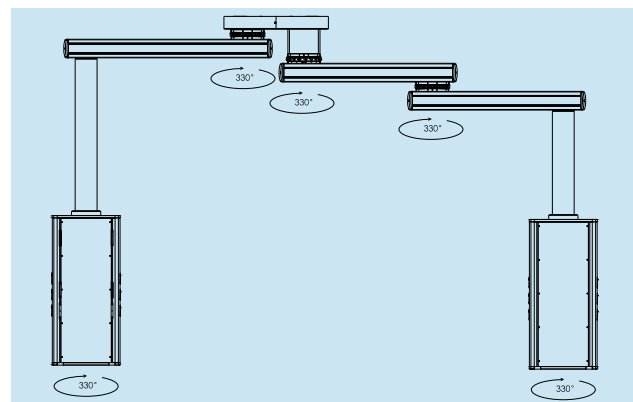
MODEL 700 CSRFMHD

This unit is an upgrade of the 700 CRFM model to heavy duty arms, and comes with electric motorised pendant arm that allows the Services head to be raised or lowered to the desired user height. The 700 CSRFMHD can accept any services head to model 1050. Arms can rotate 330° and travel a range of 600mm. The arm is a standard 1000mm in length. Weight carrying limits apply, see technical data for limits.



Model Duo Combinations Heavy Duty

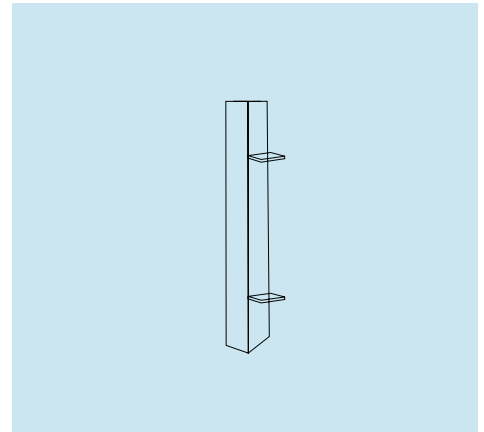
All esco Heavy Duty pendants, with arms, can be configured to a common ceiling mount allowing the combinations to become Duo Pendants. Weight carrying limits apply, see technical data for limits.





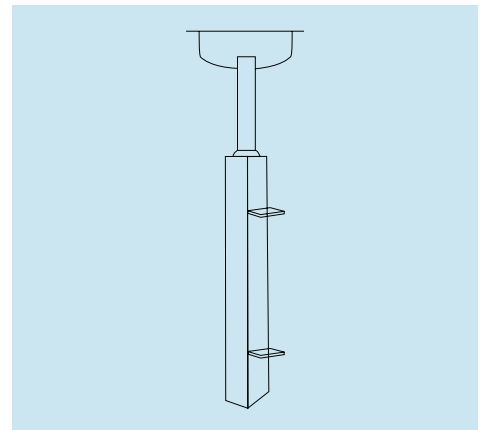
MODEL S MSC

Esco ICU or intensive areas services columns. Units are floor or plinth mounted and extend into the ceiling space. Weight carrying limits apply, see technical data for limits. Service columns are piped and pre wired at the factory for ease of installation



MODEL S MSC 2

For esco Services column 2 the head are able to rotate 330° and are ceiling mounted. Weight carrying limits apply, see technical data for limits. Service columns are piped and pre wired at the factory for ease of installation



SIGMA Pendent Series



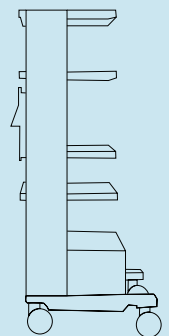
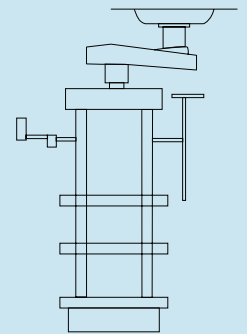
MODEL 700 BSH

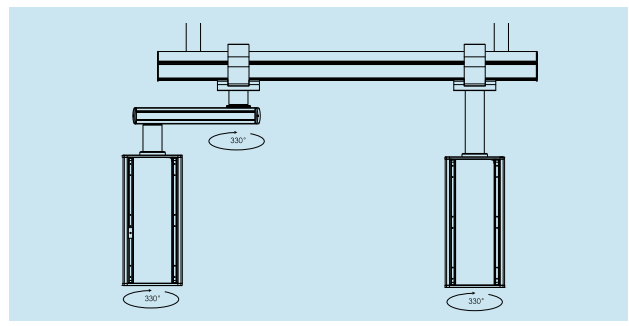
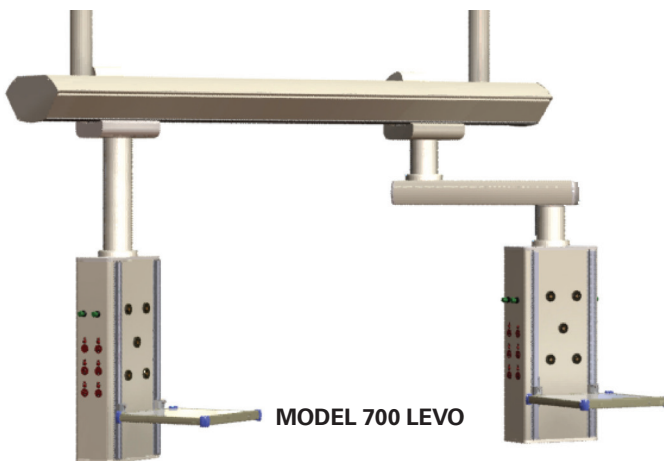
Esco bridge head pendants are Heavy duty and suitable for endoscopy suites. The internal shelving is fully adjustable and the addition of articulated arms makes this unit extremely versatile for the user.



MODEL 700 BST

This mobile version of the bridge head allows for additional loads and easy transfer of equipment between services columns, without the need to disconnect all the individual pieces of equipment. The 700 BST can be fitted, or retrofitted, to the esco 1050 service head.

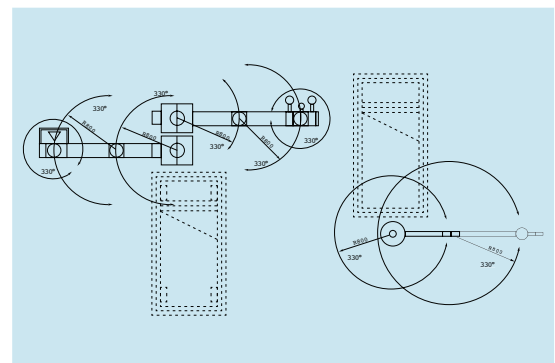




Esco dedicated ICU overhead beam Pendant provides users with the option to add additional services to the beam as well as the services head. Aesthetically pleasing and with all items in close proximity this design does allow customers to have the benefit of pendants where space may be limited. Esco beam pendants can be configured with any of esco service heads to model 1050.

Turning Circles

Esco articulated arms allow for free articulated movement of all arms, as each arm rotates to a maximum of 330° this gives users the opportunity to position units best for the intended use.



GAS PIPE LINE SYSTEM



VERTI-MAX

Vertimax allow prepiped services and are commonly used in wards and high intensive units. These units are easy to install and can be fully wired and factory tested to your country standards.

ALPHAMAX

AlphaMax is a premium flush mounted panel system, covered by a patent, it allows for any configurations and items being flush to the front panel. This minimizes the lip or edge for dust and bacteria growth.





Esco Terminal Units

Esco proudly manufactures high quality gas outlets to the following standards:



Australian,
European DIN
British Standard
Ohmeda

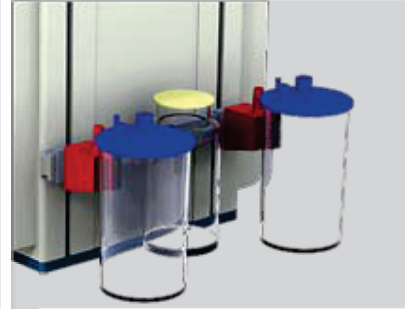
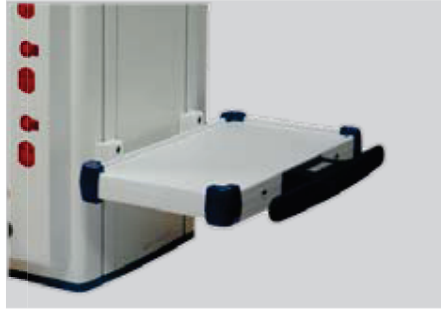
MEDICAL & LABORATORY GAS VALVE ISOLATION BOXES

Esco valve boxes only use the best possible brass components for the gas stream. Boxes are chosen by product configurator and can include alarm panels. Esco will work to ensure your configuration needs are met fully.



SIGMA Pendant Series

Accessories

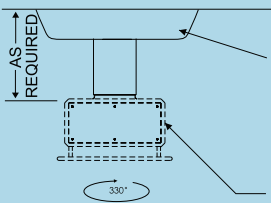
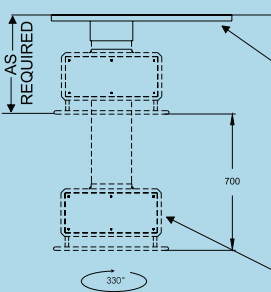
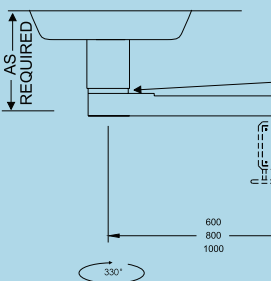
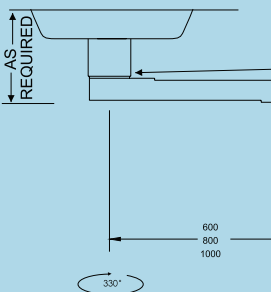


- SHELVES
- SHELVES WITH DRAWER
- TASK LIGHTS
- EXAMINATION LIGHTS
- SPHYGMANOMETER &/OR MOUNTS
- SUCTION CANISTER &/OR MOUNTS
- FLOW METERS- O₂ & MA
- SUCTION ADAPTORS- HIGH / LOW FLOW
- MONITOR MOUNTS - OPTIONS
- WALL MOUNTED RAISE / LOWER CONTROL PANEL

Technical specifications

Specifications	
700 CSHD	600,800,1000 mm length
Single Arm	330° Rotation
	200 kg Carrying Capacity
	175 kg Unit weight
700 CSSHD	600,800,1000 mm length (1st Arm)
Double Arm	600,800,1000 mm length (2nd Arm)
	330° Rotation (Both Arms)
	180 kg Carrying Capacity
	220 kg Unit weight
700 CRFMHD	1000 mm length
Single Arm	600 mm Height Adjust
	330° Rotation
	180 kg Carrying Capacity
	170 kg Unit weight
700 CSRFMHD	600,800,1000 mm length (1st Arm)
Double Arm	1000 mm length (2st Arm)
	600 mm Height Adjust
	330° Rotation (Both Arms)
	150 kg Carrying Capacity
	220 kg Unit weight

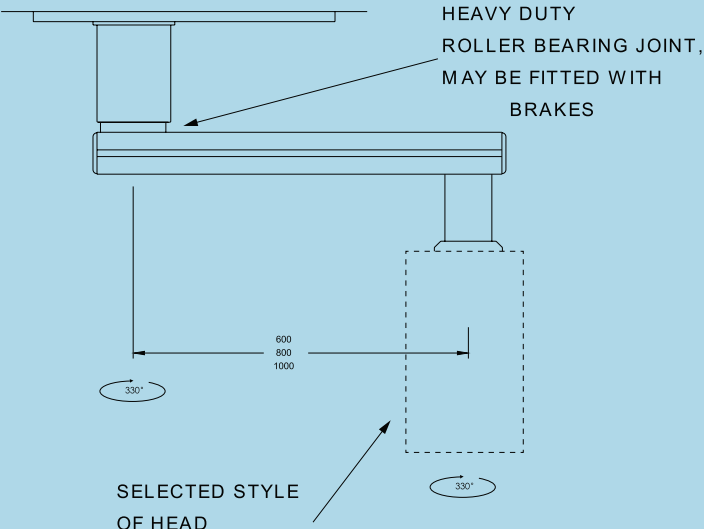
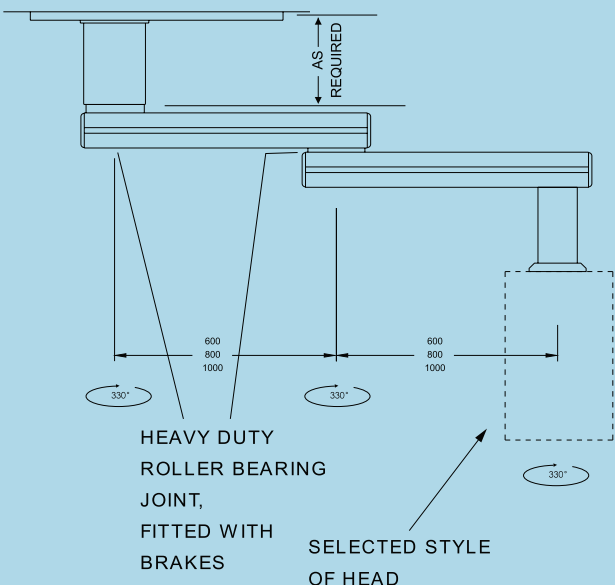
QUICK REFERENCE CHART FOR BASIC UNITS

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	LIFTING METHOD	TYPICAL BASIC UNIT WEIGHT Kg
700 C	<p>BASIC FIXED COLUMN UNIT</p>  <p>SPLIT CEILING ACCESS BEZEL FOR HOSE & CABLE TERMINATIONS</p> <p>SELECTED STYLE OF HEAD</p>	N/A refer to carrying capacities	N/A	100
700 CT	<p>BASIC TELESCOPIC COLUMN UNIT</p>  <p>SPLIT CEILING ACCESS PANEL FOR HOSE & CABLE TERMINATION, ALSO FOR MOTOR DRIVE UNIT</p> <p>VERTICAL MOVEMENT</p> <p>SELECTED STYLE OF HEAD</p>	100	ELECTRIC MOTOR ACTUATOR	130
700 CS	<p>BASIC COLUMN & FIXED HEIGHT SINGLE ARM UNIT</p>  <p>ROLLER BEARING JOINT, MAY BE FITTED WITH BRAKE UNIT</p> <p>SELECTED STYLE OF HEAD</p>	75	N/A	120
700 CSS	<p>BASIC COLUMN & FIXED HEIGHT DOUBLE ARM UNIT</p>  <p>ROLLER BEARING JOINTS, BOTH OF WHICH MAY BE FITTED WITH INDIVIDUALLY CONTROLLED BRAKES</p> <p>SELECTED STYLE OF HEAD</p>	60	N/A	140

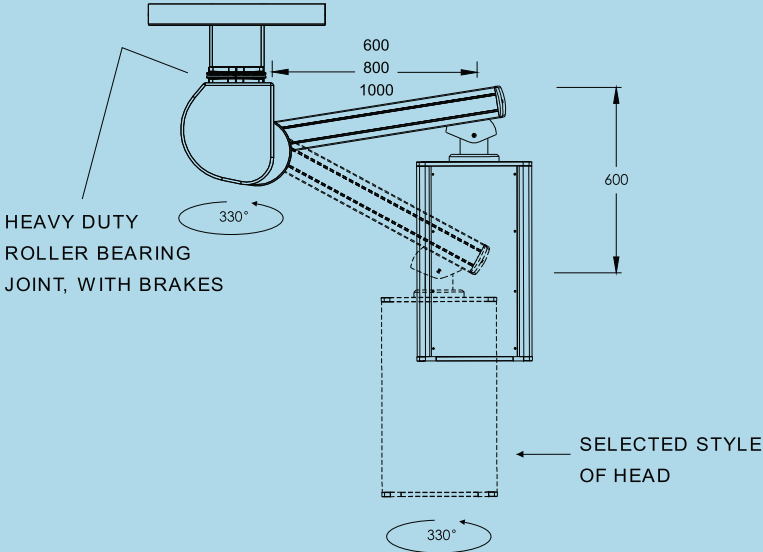
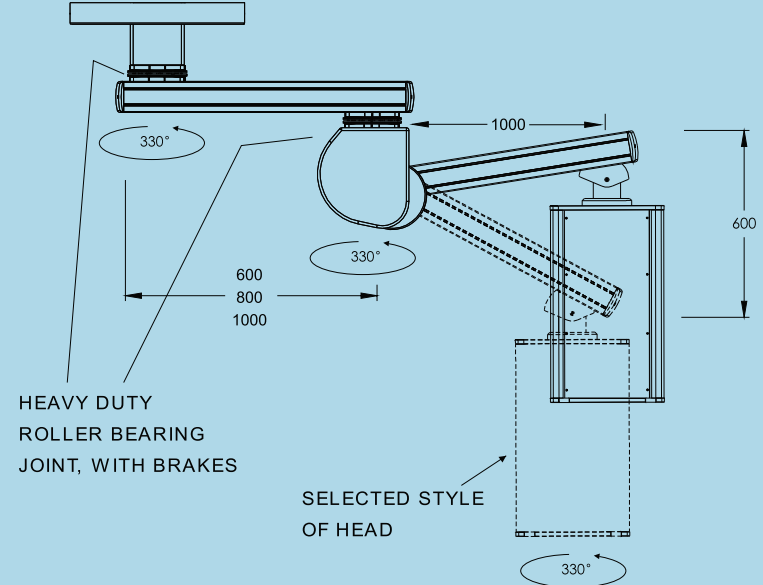
**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR BASIC UNITS**

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	LIFTING METHOD	TYPICAL BASIC UNIT WEIGHT Kg
700 CRFM	<p>BASIC COLUMN & VARIABLE HEIGHT SINGLE ARM UNIT</p> <p>NOTE: FOR THE MOTORISED UNIT, THE VERTICAL MOVEMENT MAY BE STOPPED AT ANY POINT. BRAKES FITTED</p> <p>SELECTED STYLE OF HEAD</p>	75	ELECTRIC MOTOR ACTUATOR	150
700 CSRFM	<p>BASIC COLUMN WITH ONE FIXED HEIGHT ARM & ONE VARIABLE HEIGHT ARM</p> <p>NOTE: FOR THE MOTORISED UNIT, THE VERTICAL MOVEMENT MAY BE STOPPED AT ANY POINT. BRAKES FITTED</p> <p>SELECTED STYLE OF HEAD</p>	75	ELECTRIC MOTOR ACTUATOR	180

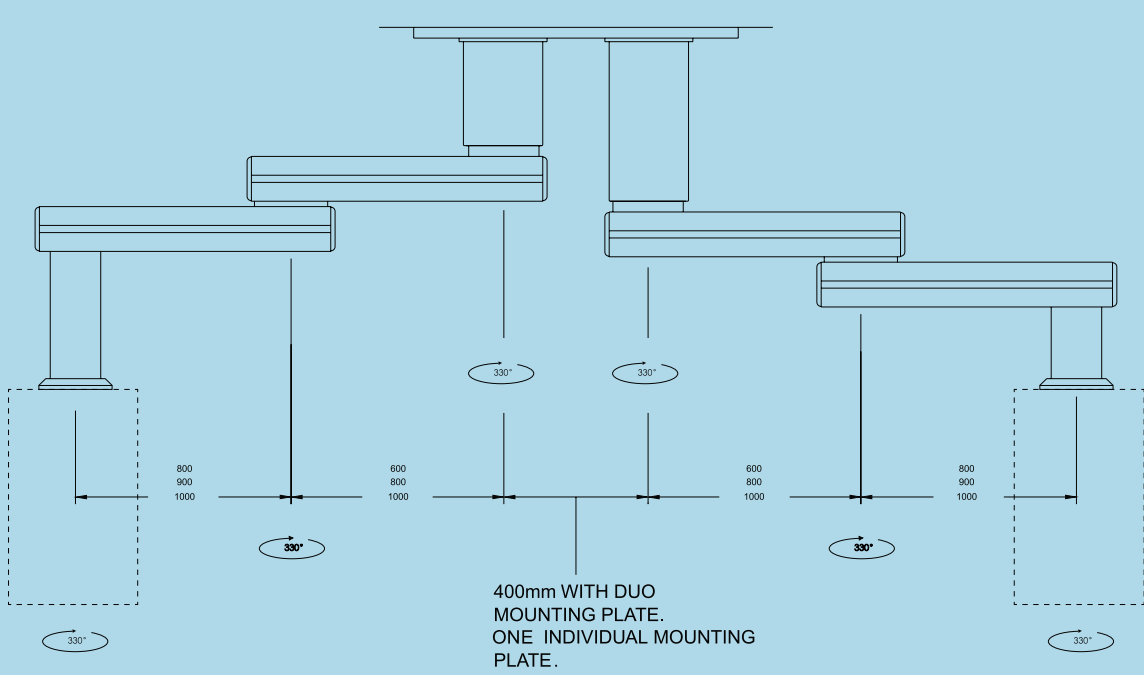
ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
 QUICK REFERENCE CHART FOR BASIC UNITS

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	LIFTING METHOD	TYPICAL BASIC UNIT WEIGHT Kg
700 CSHD	<p style="text-align: center;">HEAVY DUTY SINGLE ARM PENDANT</p>  <p style="text-align: center;">HEAVY DUTY ROLLER BEARING JOINT, MAY BE FITTED WITH BRAKES</p> <p style="text-align: center;">600 800 1000</p> <p style="text-align: center;">330°</p> <p style="text-align: center;">SELECTED STYLE OF HEAD</p> <p style="text-align: center;">330°</p>	150	NOT APPLICABLE	175
700 CSSHD	<p style="text-align: center;">HEAVY DUTY DOUBLE ARM PENDANT</p>  <p style="text-align: center;">AS REQUIRED</p> <p style="text-align: center;">600 800 1000</p> <p style="text-align: center;">600 800 1000</p> <p style="text-align: center;">330°</p> <p style="text-align: center;">330°</p> <p style="text-align: center;">HEAVY DUTY ROLLER BEARING JOINT, FITTED WITH BRAKES</p> <p style="text-align: center;">SELECTED STYLE OF HEAD</p> <p style="text-align: center;">330°</p>	150	NOT APPLICABLE	220

**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR BASIC UNITS**

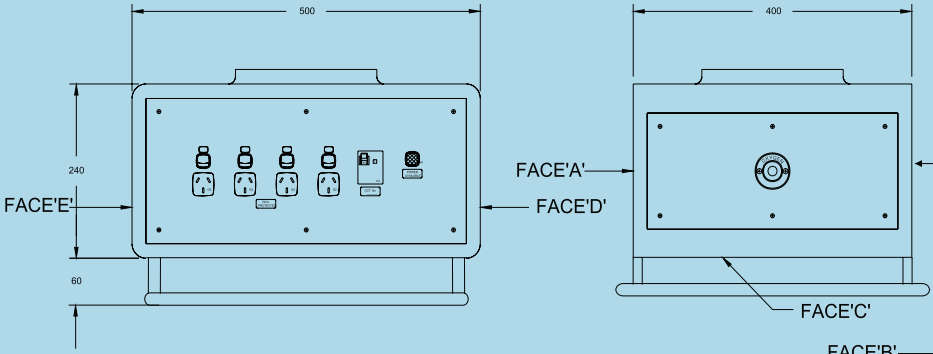
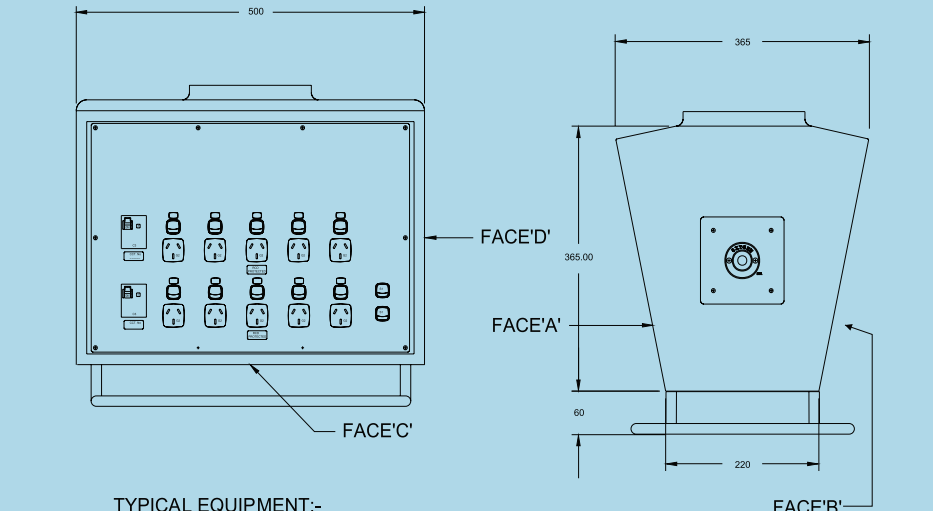
CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	LIFTING METHOD	TYPICAL BASIC UNIT WEIGHT Kg
700 CRFMHD	<p style="text-align: center;">HEAVY DUTY SINGLE RISE & FALL ARM PENDANT</p> 	100	ELECTRIC MOTOR ACTUATOR	170
700 CSRFMHD	<p style="text-align: center;">HEAVY DUTY DOUBLE ARM RISE & FALL PENDANT</p> 	100	ELECTRIC MOTOR ACTUATOR	220

ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
 QUICK REFERENCE CHART FOR BASIC UNITS

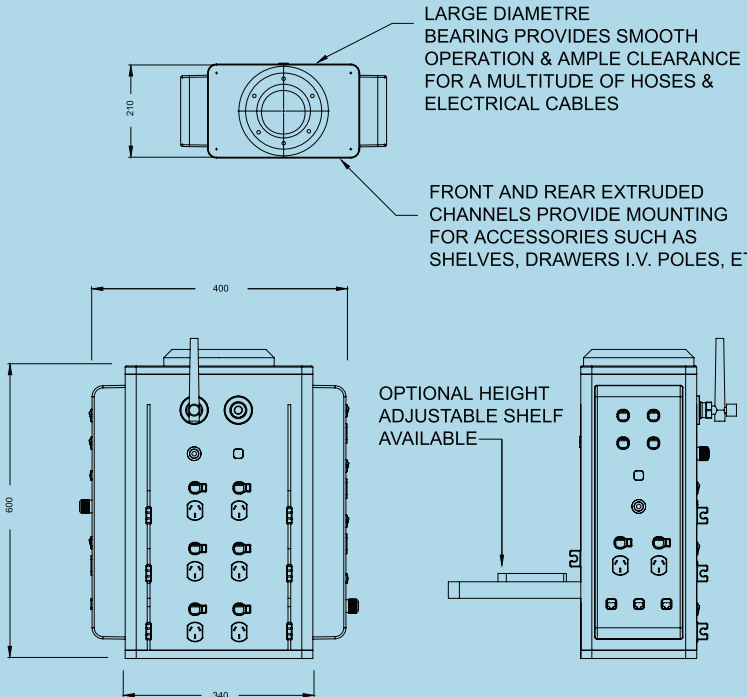
CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	LIFTING METHOD	TYPICAL BASIC UNIT WEIGHT Kg
M700 DUO:	<p>ANY COMBINATION OF MEDICON 700 PENDANTS.</p>  <p>400mm WITH DUO MOUNTING PLATE. ONE INDIVIDUAL MOUNTING PLATE.</p>	REFER TO INDIVIDUAL ARM CAPACITY	REFER TO INDIVIDUAL ARM TYPE	REFER TO INDIVIDUAL ARM WEIGHTS

*NOTE: WHEN CALCULATING ARM LOADING, WEIGHT OF SELECTED HEAD MUST BE TAKEN INTO ACCOUNT

**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES**

CATALOG NUMBER	CONFIGURATION	FIXING	WEIGHT WITH TYPICAL EQUIPMENT FITTED Kg
700LPH	<p style="text-align: center;">LOWPROFILE HEAD</p>  <p style="text-align: center;">TYPICAL EQUIPMENT:- FACE 'A' - 4 G .PO.'s, 1 RCD , 1 POW ER ON INDICA TOR FACE 'B' - 4 G .PO.'s, 1 POW ER ON INDICA TOR, UP& DOW N CONT ROLS FACE 'C' - 1 O XYGEN, 1 NIT ROUS OXIDE, 2 MEDICAL AIR, 2 SUC TION O UTLETS FACE 'D' - 1 O XYGEN OUTL ET FACE 'E' - NU RSE CALL EQU IPMENT</p>	MAY BE FITTED TO ALL FIXED OR VARIABLE HEIGHT ARMS	14
700AFH	<p style="text-align: center;">ANGLED FACE HEAD</p>  <p style="text-align: center;">TYPICAL EQUIPMENT:- FACE 'A' - 10 G.PO.'s, 1 RCD , 1 POW ER ON INDICA TOR, UP & DO WN CO NTROL S FACE 'B' - 2 SUC TION OUTL ET S, 1 SCAVENGE OU TLET FACE 'C' - 1 OXYGEN, 1 NIT ROUS OXIDE, 2 MEDICAL AIR OUTLETS FACE 'D' - 1 OXYGEN OUTLET</p>	MAY BE FITTED TO ALL FIXED OR VARIABLE HEIGHT ARMS	17

ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
 QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	FIXING	BARE WEIGHT Kg
SIGMA 600	<p>SIGMA SERIES SERVICE PENDANT HEAD DETAILS:-</p>  <p>LARGE DIAMETRE BEARING PROVIDES SMOOTH OPERATION & AMPLE CLEARANCE FOR A MULTITUDE OF HOSES & ELECTRICAL CABLES</p> <p>FRONT AND REAR EXTRUDED CHANNELS PROVIDE MOUNTING FOR ACCESSORIES SUCH AS SHELVES, DRAWERS I.V. POLES, ETC.</p> <p>OPTIONAL HEIGHT ADJUSTABLE SHELF AVAILABLE</p>	75kg	MAY BE FITTED TO FIXED OR VARIABLE HEIGHT, HEAVY DUTY PENDANTS	30kg AVERAGE UNIT

**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES**

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	FIXING	BARE WEIGHT Kg
SIGMA 800	<p>SIGMA SERIES SERVICE PENDANT HEAD DETAILS</p> <p>LARGE DIAMETRE BEARING PROVIDES SMOOTH OPERATION & AMPLE CLEARANCE FOR A MULTITUDE OF HOSES & ELECTRICAL CABLES</p> <p>FRONT AND REAR EXTRUDED CHANNELS PROVIDE MOUNTING FOR ACCESSORIES SUCH AS SHELVES, DRAWERS I.V. POLES, ETC.</p> <p>OPTIONAL SIDE MOUNTED HEIGHT ADJUSTABLE I.V. POLE AVAILABLE</p>	75kg	MAY BE FITTED TO FIXED OR VARIABLE HEIGHT, HEAVY DUTY PENDANTS	40kg AVERAGE UNIT

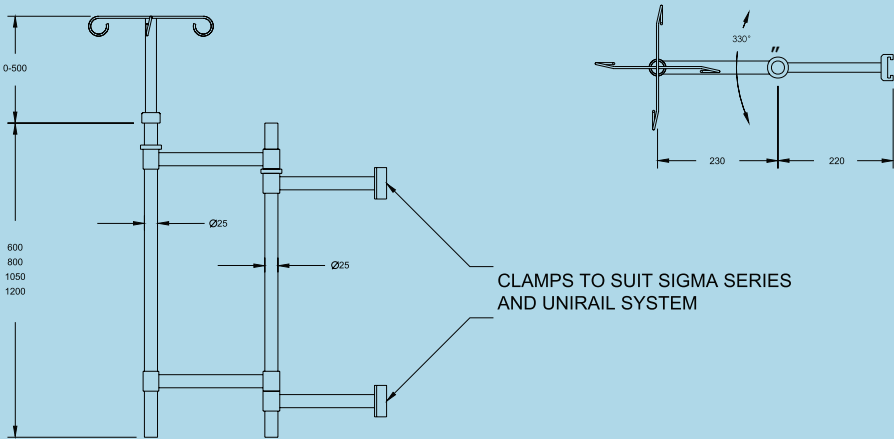
**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
 QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES**

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	FIXING	BARE WEIGHT Kg
SIGMA 1050	<p>SIGMA SERIES SERVICE PENDANT HEAD DETAILS:-</p> <p>LARGE DIAMETRE BEARING PROVIDES SMOOTH OPERATION & AMPLE CLEARANCE FOR A MULTITUDE OF HOSES & ELECTRICAL CABLES</p> <p>FRONT AND REAR EXTRUDED CHANNELS PROVIDE MOUNTING FOR ACCESSORIES SUCH AS SHELVES, DRAWERS I.V. POLES, ETC.</p> <p>ERGONOMIC HANDLE ALLOWS EASY PENDANT POSITIONING</p> <p>OPTIONAL UNIRAIL ATTACHMENT FOR ACCESSORIES</p>	75kg	MAY BE FITTED TO FIXED OR VARIABLE HEIGHT, HEAVY DUTY PENDANTS	30kg-30kg AVERAGE UNIT

**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES**

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY Kg	FIXING METHOD	TYPICAL BASIC UNIT WEIGHT Kg	
700BSH	<p>Technical drawing of the 700BSH medical service pendant. The front view shows a vertical unit with a top section of width 250 mm and a main body of width 520 mm. The side view shows a total width of 730 mm and a depth of 560 mm. Labels include: 'SHELVES MAY BE TILTED TO SUIT INDIVIDUAL REQUIREMENTS IN 100 mm INCREMENTS', 'FILED SHELF OR DRAWER', 'SHELF MOUNTING UNIRAIL 4 OFF', and 'ADJUSTABLE SHELVES 3 OFF'. Dimensions 'x' and '225' are also indicated.</p>	<p>75 WHEN FITTED TO MOTORISED ARM</p> <p>120 WHEN FITTED TO NON MOTORISED ARM</p>	<p>MAY BE FITTED TO EITHER FIXED OR VARIABLE HEIGHT HEAVY DUTY ARMS</p>	<p>40 UP TO 800mm IN HEIGHT</p> <p>65 UP TO 1500mm IN HEIGHT</p>	
<p>BASKET</p> <p>SHELF WRITING</p> <p>SLIDE EQUIPMENT</p>	<p>ACCESSORIES</p> <p>MONITOR BRACKET & SHELF</p> <p>HOSE SUPPORT ARMS</p>	<p>700BS BRIDGE HEAD SHELF DETAILS:-</p> <p>Technical drawing of the 700BS bridge head shelf details. The main view shows a square shelf with a width of 560 mm and a height of 520 mm. A detail view shows the shelf fixing holes with a diameter of 40 mm.</p>	<p>25</p>	<p>FIXED TO BRIDGE HEAD WITH 4 SCREWS</p>	<p>3</p>

ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
 QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES

CATALOG NUMBER	CONFIGURATION	BARE WEIGHT Kg
700IVP	<p>I.V.POLE UNIT:-</p>  <p>CLAMPS TO SUIT SIGMA SERIES AND UNIRAIL SYSTEM</p>	7

**ESCO MEDICON 700 SERIES MEDICAL SERVICE PENDANTS
QUICK REFERENCE CHART FOR EQUIPMENT HEADS AND ACCESSORIES**

CATALOG NUMBER	CONFIGURATION	CARRYING CAPACITY	FIXING	BARE WEIGHT Kg
700ACS	<p>ADJUSTABLE SHELF DETAILS:-</p>	50	CLAMPED AT REQUIRED HEIGHT ON CHOSEN PENDANT HEAD	3.5
700CLD		50	CLAMPED AT REQUIRED HEIGHT ON CHOSEN PENDANT HEAD	3.5

esco industries

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