

Extended height adjustable arm



| | |
|---------------------------------------|--|
| Monitor adaption | prepared to accept Mindray mounting adapter |
| Height adjustment | slow-flowing spring, parallel linkage for a constant viewing angle |
| Colours to choose | decorative parts RAL 5013 blue / RAL 7024 dark grey aluminum parts RAL 9016 pure white / RAL 9002 grey white |
| Max. load capacity support arm | 22 kg / 48.5 lbs |
| Max. load monitor adaptation | 22 kg / 48.5 lbs |
| Product weight | 5.6 kg / 12.4 lbs |
| Balancing range | 600 N (2-5 kg / 5.5-11 lbs); 950 N (4-9 kg / 8.8-19.8 lbs); 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs); 2200 N (16-22 kg / 35.3-48.5 lbs) |
| Part number | A-73130MD-Y.CD_X |

Fixings

Y



4V

Adapter for vertical wall channel



2F

Fixed rail clamp



3

Vertical rail clamp



3DR
3TX

Dual vertical rail clamp



1
1F
1C
1V

Fixed / universal pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



10

Adapter for Maquet anaesthesia machines



9

Adapter for Löwenstein Medical anaesthesia machines



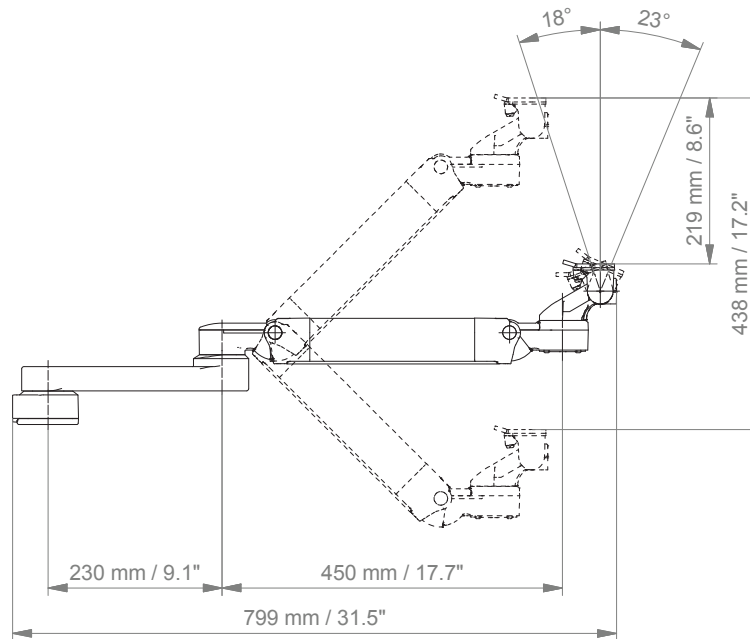
4K

Adapter for anaesthesia machines with existing side channel

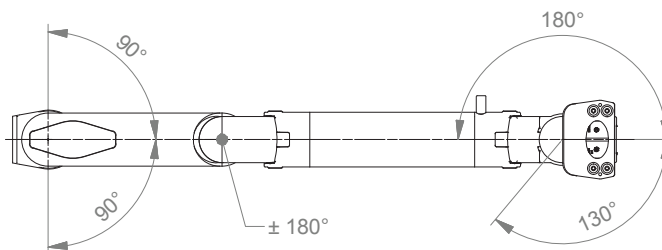
Extended height adjustable arm

Technical data

SIDE VIEW











TOP VIEW



Fixings



| Illustration | Description | Notes | Part. no. |
|---|-----------------------------------|--|---------------|
|  | Adapter for vertical wall channel | To mount to CIM wall channel (compatible with GCX channel) For arms with high mounting positions Please order separately: CIM wall channel, see catalogue accessoires | 4V 4U |
|  | Fixed rail clamp | To mount to horizontal European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm | 2F |
|  | Vertical rail clamp | To mount to vertical European rail 10 x 25 mm | 3 |
|  | Dual vertical rail clamp | To mount to two parallel vertical European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm Distance between rails 150 mm / 5.9", e.g. Dräger pendant Distance between rails 225 mm / 8.9", e.g. Trilux pendant | 3DR 3TX |
|  | Fixed pole clamp | To mount to pole \varnothing 25 mm / 1.0" To mount to pole \varnothing 35 mm / 1.4" To mount to pole \varnothing 38 mm / 1.5" | 1 1F 1C |
|  | Universal pole clamp | V-block to mount to pole \varnothing 23 - 40 mm / 0.9 - 1.6" | 1V |
|  | Adapter medical supply units | For Mindray medical supply units | 13 |
|  | Adapter pendants & headwalls | For Amico pendants & headwalls | 17 |

Fixings for anaesthesia machines



| Illustration | Description | Notes | Part. no. |
|---|---|---|------------------|
|  | Adapter for Maquet anaesthesia machines | Cone adapter for Maquet FLOW i | 10 |
|  | Adapter for Löwenstein Medical anaesthesia machines | Adapter for Leon / Leon plus | 9 |
|  | Adapter for anaesthesia machines (all suppliers) | H 80 mm / 3.1" With existing side channel | 4K |
| If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K: | | | |
|  | Adapter for Dräger | Dräger Primus / Julian / Cato / Fabius GS / Zeus side channel adapter L 127 mm / 5" side channel adapter L 320 mm / 12.6" | DR-J01 DR-J02 |
|  | Adapter for GE | GE Avance / Aespire / Aestiva side channel adapter L 200 mm / 7.9" | DX-AES-01 |

How to create part numbers

Part numbers can be easily created by following the steps below:

Please replace the letters in **green** with the part no. code as per your requirements.

1. Components' grounding:

A = grounded

2. Choose the arm version required:

224MD / 230MD = support arm pivot
 33030MD = extended pivot arm light
 H33030MD = extended pivot arm
 431MD = height adjustable arm
 73130MD = extended height adjustable arm
 531MD = high position height adjustable arm
 83130MD = extended high position height adjustable arm

3. Specify where you want to mount the arm and select the fixing (Y):

1V = pole ø 23 - 40 mm / 0.9 - 1.6"
 1 = pole ø 25 mm / 1.0"
 1F = pole ø 35 mm / 1.4"
 1C = pole ø 38 mm / 1.5"
 2F = horizontal rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm
 3 = vertical rail 10 x 25 mm
 3DR = dual vertical rails, distance 150 mm/ 5.9"
 3TX = dual vertical rails, distance 225 mm/ 8.9"
 4V = vertical wall channel
 4U = vertical wall channel for arms with high mounting position
 13 = Mindray medical supply units
 17 = Amico pendants & headwalls
 9 = Löwenstein Medical anaesthesia machine
 10 = Maquet FLOW i anaesthesia machine
 4K = anaesthesia machine with existing channel



How to create part numbers

4. Choose the colour requested for decorative parts (C):

gr = RAL 7024 (dark grey)
 bl = RAL 5013 (blue)

5. Choose the colour requested for the aluminium die-cast parts (D):

1 = RAL 9016 (pure white)
 2 = RAL 9002 (grey white)

6. Specify the spring depending on the weight of your monitor/ device - only with height adjustable arms (X):

60 = 2 - 5 kg / 4.4 - 11 lbs
 95 = 4 - 9 kg / 8.8 - 19.8 lbs
 130 = 7,5 - 13 kg / 16.5 - 28.7 lbs
 175 = 13 - 16 kg / 28.7 - 35.3 lbs
 220 = 16 - 22 kg / 35.3 - 48.5 lbs

Example

| 01 Grounding | | 02 Arm version | | 03 Fixing | | 04 & 05 Colour | | 06 Spring tension |
|-----------------|---|-------------------|---|--------------|---|-------------------|---|----------------------|
| A | - | 431MD | - | Y | . | CD | - | X |
| A | - | 431MD | - | 4V | . | gr1 | - | 95 |

General notes

Mounting adapter (quick release)

The monitor adaption is prepared to accept the mounting adapter from Mindray and is suitable for the following Mindray monitors: **T1, T5, T8, T9, iMEC series** and **iPM series**.

Please note that the mounting adapter (quick release) has to be ordered separately from Mindray. For descriptions and part numbers, please refer to catalogue: Monitor-specific mounting adapter Mindray.

5" Plunge plate

Please see mounting reference guide: 5" plunge plate adaption.

The 5" plunge plate is suitable for the following Mindray monitors: **T1, T5, T8** and **VS600/ 900**.

Please note that the mounting adapter has to be ordered separately from Mindray or CIM med®. For descriptions and part numbers, please refer to catalogue: Monitor-specific mounting adapter Mindray.

Components' grounding

All arms with integrated cable management are equipped with **component grounding**. No grounding is required for arms with external or semi-integrated cable management with cables not being led through joints.

Load capacity

All **height adjustable arms** have a load capacity of 22 kg / 48.5 lbs. Rear mounted monitor adaptations and horizontally mounted 5" plunge plates accept a maximum monitor weight of 18 kg / 39.7 lbs. An additional 4 kg / 8.8 lbs may be mounted on a down post underneath the front swivel part. Depending on material and tensile factor all weight indications have a 4-fold and / or 6-fold safety factor according to EN 60601-1, 3rd Edition regulations.

Custom-designed solutions and MRI applications

Please contact us for **custom-designed** solutions.

Product marking

All CIM products are CE marked. As **medical product risk class 1** and they conform with the regulations MDD 93/42 ECC and EN 60601-1, 3rd Edition. TUEV reports for numerous products especially for anaesthesia applications guarantee electrical and mechanical safety of our products and are available upon request.



Product highlights

Non-height adjustable arm

Pivot and extended pivot arms offer **full cable integration** and easy cleaning for **infection control** in all critical care areas in the clinical environment. Our **5-years warranty** guarantees reliable, trouble-free and maintenance-free operation. The swivel function at the fixing point as well as the **tilt/ swivel function** of the monitor adaptation offers optimum positioning of your device. The extended pivot arm is a two-part arm with central pivot point between the two arm sections. All bottom-mounted monitors have the safety feature of a **20° tilt stop**.

Height adjustable arm

The height adjustable arm offers **full cable integration**, one-wipe clean surfaces and our **5-year warranty** on the entirety of the product. Vertically and horizontally adjustable, the arm offers optimal positioning of your device. A constant viewing angle when vertically adjusted is guaranteed by a parallel linkage. **Weight-optimized springs counter-balance** the monitor without making any adjustments. All bottom-mounted monitors have the safety feature of a **20° tilt stop**. Individual rotational stops may be integrated in any joint.

To provide the perfect combination of arm and monitor, the CIM articulated height adjustable arm has a simple quarter-turn lock to hold the arm safely in position when removing the monitor. Furthermore the arm is equipped with the unique safety feature of a slow-release gas spring. Should anybody try to remove the monitor before locking the arm in position, the arm will only rise at a slow and even tempo.

SAFETY