## Extended height adjustable arm



## Fixings $Y$



Adapter for vertical wall channel


Adapter for Mindray medical supply units


Adapter for Amico pendants \& headwalls

details page 3


Vertical rail clamp


Adapter for Löwenstein Medical / ITD / mounting channel

## Extended height adjustable arm

## Technical data

SIDE VIEW


TOP VIEW


## Fixings

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Illustration | Description | Notes | Weight | Part no. |
|  | Adapter for vertical wall channel | To mount to CIM wall channel (compatible with GCX channel) <br> Please order separately: <br> CIM wall channel, see catalogue accessoires | 0.6 kg / 1.3 lbs | 4S |
|  | Horizontal rail clamp | To mount to horizontal European rails $10 \times 25,8 \times 35,10 \times 30,10 \times 50 \mathrm{~mm}$ | $1.1 \mathrm{~kg} / 2.4 \mathrm{lbs}$ | 2F |
|  | Vertical rail clamp | To mount to vertical European rail $10 \times 25 \mathrm{~mm}$ | $0.5 \mathrm{~kg} / 1.1 \mathrm{lbs}$ | 3 |
|  | Universal pole clamp | V-block to mount to pole $\emptyset 23-40 \mathrm{~mm} / 0.9-1.6 "$ | 0.6 kg / 1.3 lbs | 1V |
|  | Fixed pole clamp | To mount to pole ø $25 \mathrm{~mm} / 1.0$ " To mount to pole $\emptyset 30 \mathrm{~mm} / 1.2^{\prime \prime}$ To mount to pole $\emptyset 35 \mathrm{~mm} / 1.4$ " To mount to pole $\emptyset 38 \mathrm{~mm} / 1.5$ " | $0.3 \mathrm{~kg} / 0.7 \mathrm{lbs}$ $0.4 \mathrm{~kg} / 0.9 \mathrm{lbs}$ $0.4 \mathrm{~kg} / 0.9 \mathrm{lbs}$ $0.4 \mathrm{~kg} / 0.9 \mathrm{lbs}$ | $\begin{aligned} & 1 \\ & 1 B \\ & 1 \mathrm{~F} \\ & 1 \mathrm{C} \end{aligned}$ |
| $\therefore \quad 0^{-}$ | Adapter medical supply units | For Mindray medical supply units | 0.8 kg / 1.8 lbs | 13 |
| + | Adapter pendants \& headwalls | For Amico pendants \& headwalls | 0.6 kg / 1.3 lbs | 17 |
|  | Adapter pendants \& headwalls | For Löwenstein Medical / ITD / mounting channels | 0.4 kg / 0.9 lbs | 9 |

## 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:

| $224 \mathrm{~A} / 230 \mathrm{~A}$ | $=$ | support arm pivot |
| :--- | :--- | :--- |
| 33030 A |  | extended pivot arm light duty |
| H33030A | $=$ | extended pivot arm heavy duty |
| 431 A | $=$ | height adjustable arm |
| 73130 A |  | extended height adjustable arm |
| 531 A |  | high position height adjustable arm |
| 83130 A |  | extended high position height adjustable arm |

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

| 1 V | $=$ pole $\varnothing 23-40 \mathrm{~mm} / 0.9-1.6^{\prime \prime}$ |
| :--- | :--- |
| 1 | $=$ pole $\varnothing 25 \mathrm{~mm} / 1.0^{\prime \prime}$ |
| 1 B | $=$ pole $\varnothing 30 \mathrm{~mm} / 1.2^{\prime \prime}$ |
| 1 F | $=$ pole $\varnothing 35 \mathrm{~mm} / 1.4^{\prime \prime}$ |
| 1 C | $=$ pole $\varnothing 38 \mathrm{~mm} / 1.5^{\prime \prime}$ |
| 2 F | $=$ horizontal rails $10 \times 25,8 \times 35,10 \times 30,10 \times 50 \mathrm{~mm}$ |
| 3 |  |
| 4 S | vertical rail $10 \times 25 \mathrm{~mm}$ |
| 9 |  |
| 13 |  |
| 17 | vertical wall channel |
| 17 |  |
|  | Löwenstein Medical / ITD / mounting channel |
|  | Mindray medical supply units |
|  |  |

4. Choose the colour requested for decorative parts (C):
gr $=$ RAL 7024 (graphite grey)
bl $=$ RAL 5013 (cobalt blue)

## How to create part numbers

5. Choose the colour requested for the aluminium die-cast parts (D):
$1=$ RAL 9016 (traffic 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

$$
\begin{array}{ll}
= & 2-5 \mathrm{~kg} / 4.4-11 \mathrm{lbs} \\
= & 4-9 \mathrm{~kg} / 8.8-19.8 \mathrm{lbs} \\
= & 4.5-12.5 \mathrm{~kg} / 9.9-27.6 \mathrm{lbs} \\
= & 7.5-13 \mathrm{~kg} / 16.5-28.7 \mathrm{lbs} \\
= & 12.5-19 \mathrm{~kg} / 27.6-41.9 \mathrm{lbs} \\
= & 13-16 \mathrm{~kg} / 28.7-35.3 \mathrm{lbs} \\
= & 16-22 \mathrm{~kg} / 35.3-48.5 \mathrm{lbs}
\end{array}
$$

## Example

| 01 <br> Grounding |  | $02$ <br> Arm version |  | 03 Fixing |  | 04 \& 05 Colour |  | 06 <br> Spring tension |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | - | 431A | - | Y | . | CD | - | X |
| A | - | 431A | - | 4 S | . | gr1 | - | 95 |

## General notes

## Monitor adaptations

The 5 " plunge plate is intended to accept bottom-mounted monitors. Please note that a special mounting adapter is required for some monitors. The mounting adapter is mounted to the bottom and slides into the 5 " plunge plate. For monitors from Dräger and GE Healthcare no special mounting adapters are required. For the monitors from Mindray, Nihon Kohden, Spacelabs and Philips Sure Signs/ Vital Signs mounting adapters are necessary to mount the monitors. For Philips IntelliVue series please refer to the separate catalogue: Philips Monitoring IntelliVue Series.

## 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 $18 \mathrm{~kg} / 39.7 \mathrm{lbs}$. An additional $4 \mathrm{~kg} / 8.8 \mathrm{lbs}$ 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 IEC 60601-1 standards.

## Custom-designed solutions and MRI applications

Please contact us for custom-designed solutions.

## Product marking

All products which are classified as medical product risk class 1 are CE marked. As medical product risk class 1 they are conform with the regulations (EU) 2017/745 (MDR) and IEC 60601-1. Other standards of the IEC 60601 series are not applicable to our products, regardless of their version.

MD A stand-alone product that is already classified as a medical product class 1 before being integrated into an overall medical device. The product is CE-marked. A declaration of conformity is available.

Accessories or spare parts that have no independent function and are therefore not subject to the MDR. These products are not CE-marked. A declaration of conformity is not required.

## Warranty

All CIM arms have a 5 -year warranty to be free of defects in material and fuctionality from the date of delivery.

## 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 bottommounted monitors have the safety feature of a $20^{\circ}$ tilt stop.

## Height adjustable arm

The height adjustable arm offers full cable integration, onewipe 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 $20^{\circ}$ 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.

