

# Extended height adjustable arm cube with docking station

MD



<b>Monitor adaption</b>	5" plunge plate
<b>Height adjustment</b>	slow-flowing spring, parallel linkage for a constant viewing angle
<b>Colours to choose</b> <b>CD</b>	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
<b>Max. load capacity support arm</b>	22 kg / 48.5 lbs
<b>Max. load monitor adaption</b>	18 kg / 39.7 lbs
<b>Product weight</b>	4.9 kg / 10.8 lbs
<b>Balancing range</b>	950 N (4-9 kg / 8.8-19.8 lbs)
<b>Part number</b>	A-73130A-Y.CD_95 Z-AP-G mounting adapter VESA 75/100 for 5" plunge plate

## Fixings **Y**

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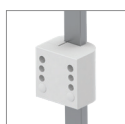
4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1  
1B  
1F  
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



19

Adapter for Dräger Ambia pendants & headwalls



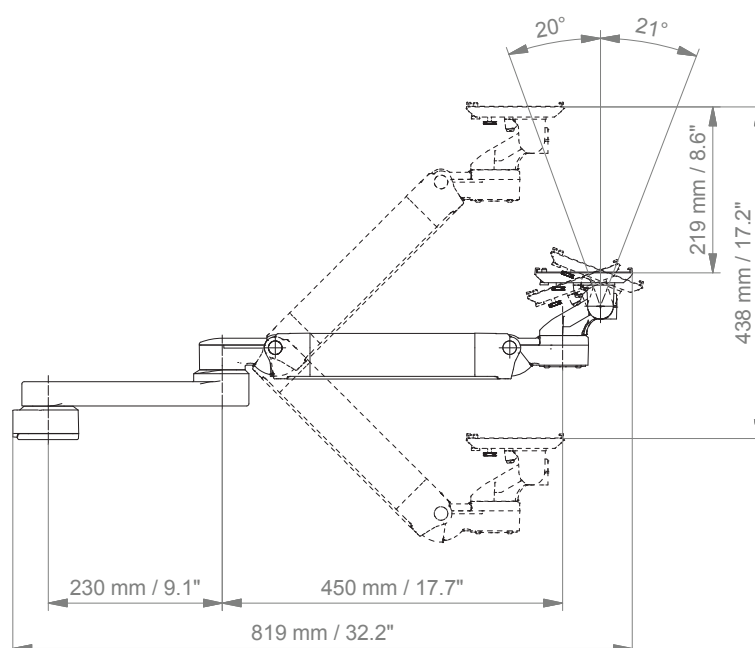
9

Adapter for Löwenstein Medical / ITD / mounting channel

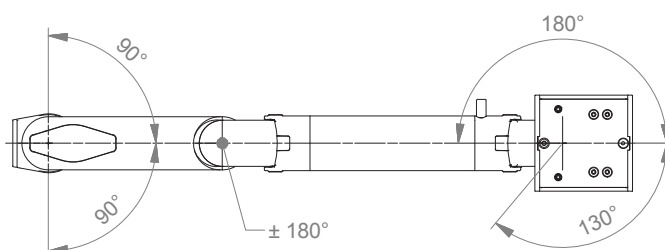
# Extended height adjustable arm qube with docking station

## Technical data

### SIDE VIEW



### TOP VIEW



## Fixings Y



Illustration	Description	Notes	Weight	Part no.
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires	0.6 kg / 1.3 lbs	4S
	Horizontal rail clamp	To mount to horizontal European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm	1.1 kg / 2.4 lbs	2F
	Vertical rail clamp	To mount to vertical European rail 10 x 25 mm	0.5 kg / 1.1 lbs	3
	Universal pole clamp	V-block to mount to pole $\varnothing$ 23 - 40 mm / 0.9 - 1.6"	0.6 kg / 1.3 lbs	1V
	Fixed pole clamp	To mount to pole $\varnothing$ 25 mm / 1.0" To mount to pole $\varnothing$ 30 mm / 1.2" To mount to pole $\varnothing$ 35 mm / 1.4" To mount to pole $\varnothing$ 38 mm / 1.5"	0.3 kg / 0.7 lbs 0.4 kg / 0.9 lbs 0.4 kg / 0.9 lbs 0.4 kg / 0.9 lbs	1 1B 1F 1C
	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 Dräger Ambia pendants & headwalls	0.6 kg / 1.3 lbs	19
	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:

S	=	not grounded
A	=	grounded

## 2. Choose the arm version required:

910Q	=	flush mount qube
224Q / 230Q	=	support arm pivot qube
224A / 230A	=	support arm pivot qube with docking station
33030Q	=	extended pivot arm light duty qube
33030A	=	extended pivot arm light duty qube with docking station
431Q	=	height adjustable arm qube
431A	=	height adjustable arm qube with docking station
73130Q	=	extended height adjustable arm qube
73130A	=	extended height adjustable arm qube with docking station

## 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"
1B	=	pole ø 30 mm / 1.2"
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
4S	=	vertical wall channel
9	=	Löwenstein Medical / ITD / mounting channel
13	=	Mindray medical supply units
17	=	Amico pendants & headwalls
19	=	Dräger Ambia pendants & headwalls

## How to create part numbers

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

gr = RAL 7024 (graphite grey)  
bl = RAL 5013 (cobalt blue)

### 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):

95 = 4 - 9 kg / 8.8 - 19.8 lbs

## Example

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



## General notes

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### Monitor Adaptations

The quick release monitor adaptation with adapter plate for VESA 75/75 (part no. Z-QR-C.D) allows a quick change of the monitor. Please note that the quick release adapter plate has to be ordered separately.

The 5" plunge plate is used for bottom-mounted monitors. A monitor-specific adapter plate (part no. Z-AP-G), which is mounted underneath the monitor and slid into the 5" plunge plate, has to be ordered separately.

### 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 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.

**NO** 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 products have a 5-year warranty to be free of defects in material and functionality from the date of delivery.

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## How to find the right product for your needs?

No problem with our configurator

<https://cim-configurator.com>



## Product highlights

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### 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**