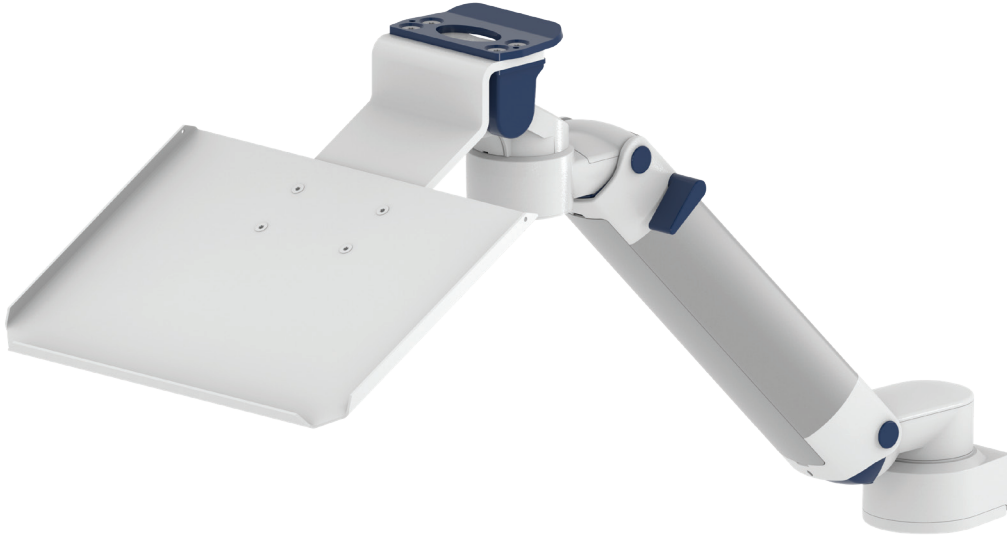


# Height adjustable arm



<b>Monitor adaption</b>	prepared to accept Mindray mounting adapter
<b>Height adjustment</b>	slow-flowing spring, parallel linkage for a constant viewing angle
<b>Colours to choose</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>	21 kg / 46.3 lbs
<b>Max. load monitor adaptation</b>	21 kg / 46.3 lbs
<b>Product weight</b>	4.1 kg - 5.3 kg / 9.0 lbs - 11.7 lbs (according to dimensions of keyboard tray)
<b>Keyboard tray</b>	300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm 11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9"
<b>Balancing range</b>	950 N (3 - 8 kg / 6.6 - 17.6 lbs); 1300 N (6.5 - 12 kg / 14.3 - 26.5 lbs); 1750 N (12 - 15 kg / 26.5 - 33 lbs); 2200 N (15 - 21 kg / 33 - 46.3 lbs)
<b>Part number</b>	A-431LMD-Y.CD_X_T

## Fixings

Y



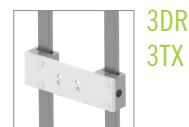
4V  
Adapter for vertical wall channel



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



9  
Adapter for Löwenstein Medical anaesthesia machines

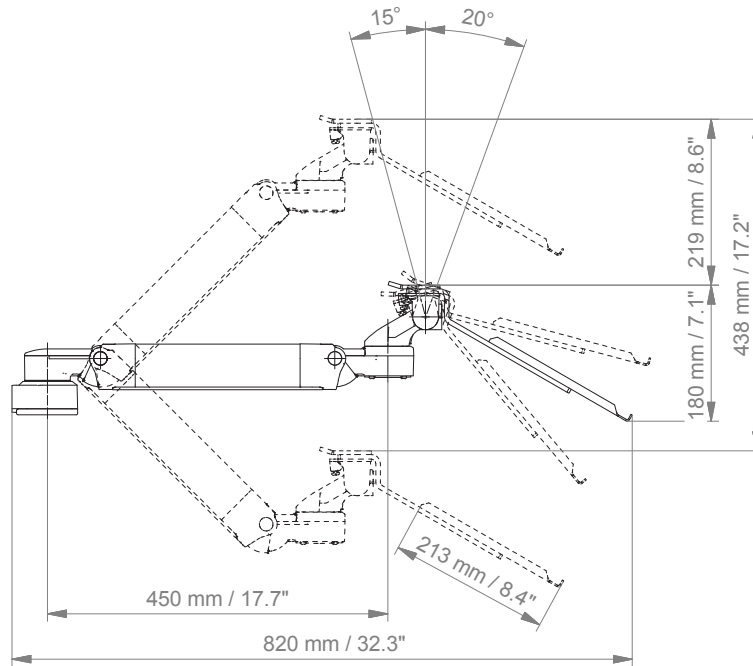


4K  
Adapter for anaesthesia machines with existing side channel

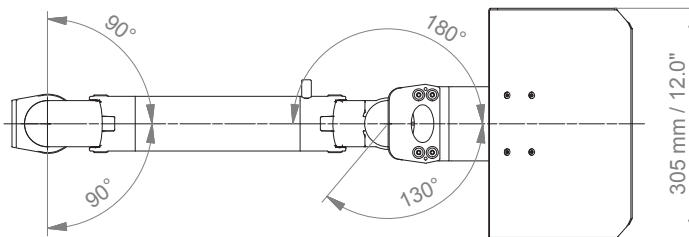
# Height adjustable arm

Technical data - keyboard tray 300 x 210 mm / 11.8 x 8.3"

## SIDE VIEW



## TOP VIEW



## Fixings

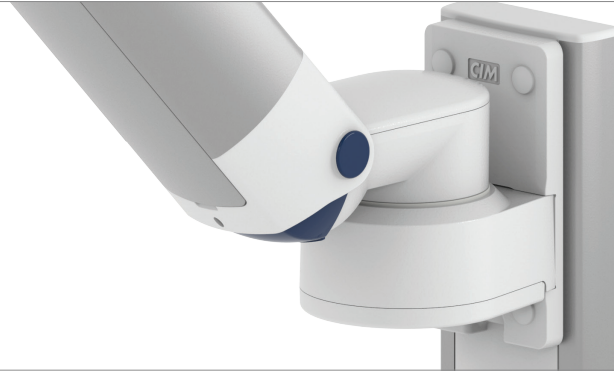










Illustration	Description	Notes	Part no.
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires	4V
	Fixed rail clamp	To mount to horizontal European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm	2F
	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 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

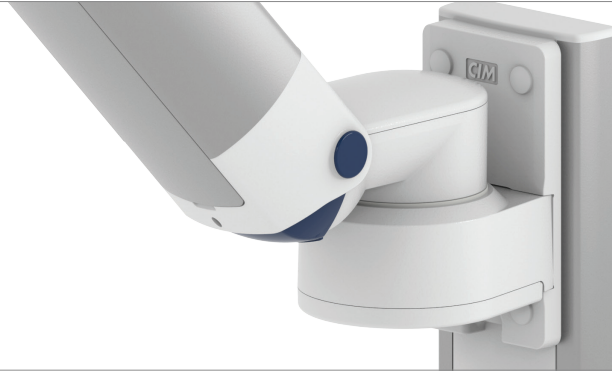



Illustration	Description	Notes	Part no.
	Adapter for Löwenstein Medical anaesthesia machines	Adapter for Leon / Leon plus	9
	Adapter for anaesthesia machines (all suppliers)	H 80 mm / 3.1" With existing side channel	4K
<b>If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K:</b>			
	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:

224LMD / 230LMD = support arm pivot  
 H33030LMD = extended pivot arm heavy duty  
 431LMD = height adjustable arm  
 73130LMD = extended 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  
 13 = Mindray medical supply units  
 17 = Amico pendants & headwalls  
 9 = Löwenstein Medical anaesthesia machine  
 4K = anaesthesia machine with existing channel

## 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):

- 95 = 3 - 8 kg / 6.6 - 17.6 lbs
- 130 = 6.5 - 12 kg / 14.3 - 26.5 lbs
- 175 = 12 - 15 kg / 26.5 - 33 lbs
- 220 = 15 - 21 kg / 33 - 46.3 lbs

### 7. Specify the requested size of the keyboard tray and mouse (T):

Standard	Magnetic	With wrist rest		Dimensions
30	30S		=	300 x 210 mm / 11.8 x 8.3"
40	40S		=	400 x 150 mm / 15.7 x 5.9"
50	50S	50W	=	500 x 200 mm / 19.7 x 7.9"
58	58S	58W	=	580 x 200 mm / 22.8 x 7.9"

## Example

01 Grounding		02 Arm version		03 Fixing		04 & 05 Colour		06 Spring tension		07 Keyboard tray
A	-	431LMD	-	Y	.	CD	-	X	-	T
A	-	431LMD	-	4V	.	gr1	-	95	-	30



## General notes

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### Mounting adapter (quick release)

The monitor adaption is prepared to accept the mounting adapter from Mindray and is suitable for the following Mindray monitors: **BeneVision series: N12, iMEC, uMEC, iPM, ePM** and **BeneView series: T5, T8, T9**.

### Please note!

The mounting adapter (quick release) must be ordered separately by Mindray. 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

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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