

MOUNTING REFERENCE GUIDE

VESA 75/100 Flat Panel with Keyboard/Mouse

CIM Cable Integrated Mounting System





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Monitor adaptations

The monitor adaptation VESA 75/100 is provided with a spring for counter-balance.

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.

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 fuctionality from the date of delivery.

How to find the right product for your needs?

No problem with our configurator https://cim-configurator.com





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:

Α grounded

2. Choose the arm version required:

224F / 230F / 224M / 230M support arm pivot

H33030F / H33030M extended pivot arm heavy duty

431F / 431M height adjustable arm

73130F / 73130M extended height adjustable arm =

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

1۷ 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 **4**S vertical wall channel =

9 Löwenstein Medical / ITD / mounting channel =

13 Mindray medical supply units 17 Amico pendants & headwalls = 19 Dräger Ambia pendants & headwalls

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

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

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

RAL 9016 (traffic white) 1 2 RAL 9002 (grey white)







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

Please note that the weight range of the individual springs may vary depending on the bracket (X).

Pneumatic Springs Explained:

The weight ranges of the pneumatic springs shown in our catalogues relate to the minimum and maximum weights of the products that can be added to the arm, for a perfectly balanced solution. The weight ranges can vary with the same pneumatic springs, as the overall weights placed on the front of the arms have to be considered. The total weight not only reflects the actual monitor weight, but also includes monitor adaptations, brackets and/ or trays. When choosing the pneumatic spring, please consider the weight of your monitor/ device only.

W-Brac	ket		Z-Brack	ret		
95	=	2.5 - 5.5 kg / 5.5 - 12.1 lbs	95	=	1.5 - 4.5 kg	/ 3.3 - 9.9 lbs
110	=	3.5 - 9.5 kg / 7.7 - 20.9 lbs	110	=	3 - 9 kg	/ 6.6 - 19.8 lbs
130	=	6 - 10 kg / 13.2 - 22 lbs	130	=	5 - 9 kg	/ 11 - 19.8 lbs
160	=	8 - 16 kg / 17.6 - 35.3 lbs	160	=	8 - 15 kg	/ 17.6 - 33.1 lbs
175	=	11 - 14 kg / 24.3 - 30.9 lbs	175	=	10 - 13 kg	/ 22 - 28.7 lbs
220	=	13 - 16 kg / 28.7 - 35.3 lbs	220	=	13.5 - 16.5 k	g / 29.8 - 36.4 lbs

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

<u>Standard</u>	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	58\$	58W	=	580 x 200 mm / 22.8 x 7.9"
65	65S	65W	=	650 x 200 mm / 25.6 x 7.9"
RC			=	480 x 220 mm (retractable mouse tray left/right 226 mm / 3

Example

01 Grounding		02 Arm version		03 Fixing	04 & 05 Colour		06 Spring tension		07 Keyboard tray
Α	_	431F	_	Υ	CD	_	Χ	_	T
Α	-	431F	_	48	gr1	_	95	_	30



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° 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.





Combi systems with ergonomic W-bracket









Monitor / keyboard adaption

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation **Product weight**

Keyboard tray T

Part number

W-bracket VESA 75/100 and keyboard / mouse tray

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite greyw aluminum parts RAL 9016 traffic white / RAL 9002 grey white

18 kg / 39.7 lbs 18 kg / 39.7 lbs

details page 25

arm type 240 3.4 - 5.0 kg / 7.5 - 11.0 lbs (according to dimensions of keyboard tray) arm type 300 3.6 - 5.1 kg / 7.9 - 11.2 lbs (according to dimensions of keyboard tray)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

arm type 240 arm type 300 A-224F-Y.CD_T A-230F-Y.CD_T

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp





Fixed pole clamp



Adapter for Löwenstein Medical / ITD / mounting channel

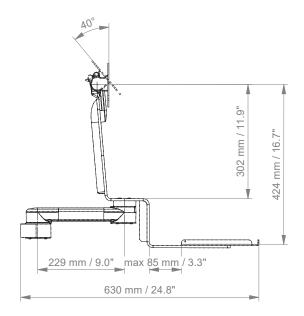




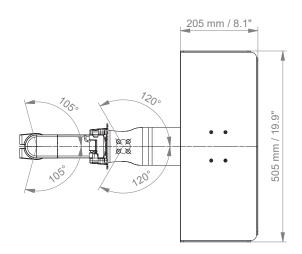
Support arm pivot with ergonomic W-bracket

Technical data - arm type 300, keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW









MD

Monitor / keyboard adaption

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation

Product weight

Keyboard tray T

Part number

W-bracket VESA 75/100 and keyboard / mouse tray

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

18 kg / 39.7 lbs 18 kg / 39.7 lbs

4.7 - 6.3 kg / 10.4 - 13.9 lbs (according to dimensions of keyboard tray)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-H33030F-Y.CD T

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

details page 25



Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp



1B 1F

Fixed pole clamp



Adapter for Löwenstein Medical / ITD / mounting channel

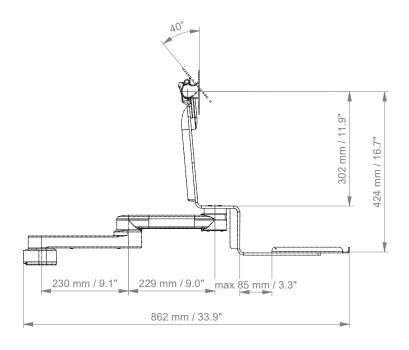




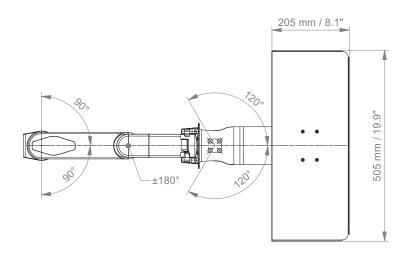
Extended pivot arm heavy duty with ergonomic W-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW









Monitor adaption

Height adjustment

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation Product weight

Balancing range X

Keyboard tray T

Part number

W-bracket VESA 75/100 and keyboard / mouse tray

slow-flowing spring, parallel linkage for a constant viewing angle

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

18 kg / 39.7 lbs 18 kg / 39.7 lbs

5.3 - 6.9 kg / 11.7 - 15.2 lbs (according to dimensions of keyboard tray)

950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1100 N (3.5 - 9.5 kg / 7.7 - 20.9 lbs); 1300 N (6 - 10 kg / 13.2 - 22 lbs); 1600 N (8 - 16 kg / 17.6 - 35.3 lbs); 1750 N (11 - 14 kg / 24.3 - 30.9 lbs); 2200 N (13 - 16 kg / 28.7 - 35.3 lbs)

 $300 \times 210 \text{ mm}, 400 \times 150 \text{ mm}, 500 \times 200 \text{ mm}, 580 \times 200 \text{ mm}, 650 \times 200 \text{ mm}, 480 \times 220 \text{ mm}$

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-431F-Y.CD_X_T

details page 25

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp



1B 1F

Fixed pole clamp



Adapter for Löwenstein Medical / ITD / mounting channel

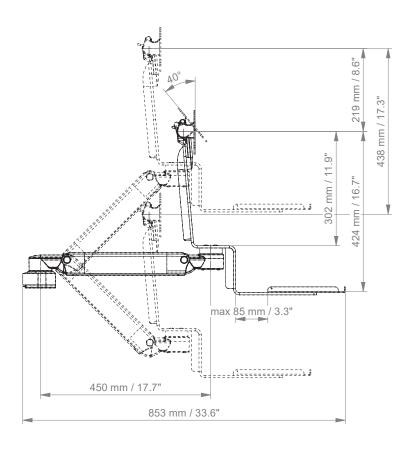




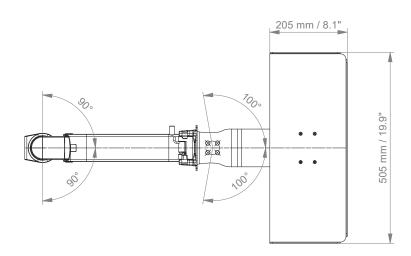
Height adjustable arm with ergonomic W-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW





Extended height adjustable arm with ergonomic W-bracket



Monitor adaption

Height adjustment

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation **Product weight**

Balancing range X

Keyboard tray T

Part number

slow-flowing spring, parallel linkage for a constant viewing angle

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

18 kg / 39.7 lbs 18 kg / 39.7 lbs

6.4 - 8.0 kg / 14.1 - 17.6 lbs (according to dimensions of keyboard tray)

950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1100 N (3.5 - 9.5 kg / 7.7 - 20.9 lbs); 1300 N (6 - 10 kg / 13.2 - 22 lbs); 1600 N (8 - 16 kg / 17.6 - 35.3 lbs); 1750 N (11 - 14 kg / 24.3 - 30.9 lbs); 2200 N (13 - 16 kg / 28.7 - 35.3 lbs)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-73130F-Y.CD_X_T

details page 25

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units



Horizontal rail clamp



Adapter for Amico pendants & headwalls

Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp



MD

Fixed pole clamp



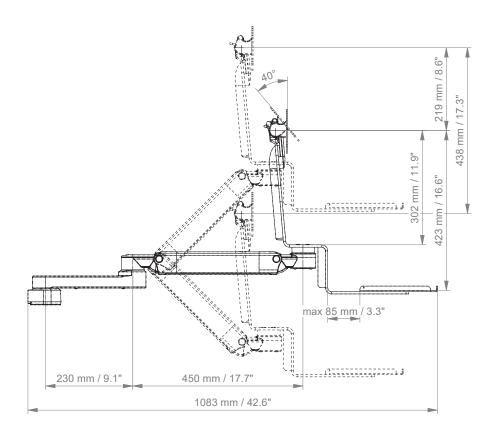
Adapter for Löwenstein Medical / ITD / mounting channel



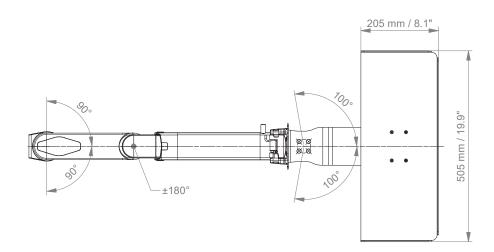


Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW





Combi systems with fold-up Z-bracket





Support arm pivot with fold-up Z-bracket



Monitor / keyboard adaption

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation **Product weight**

Keyboard tray T

Part number

Z-bracket VESA 75/100 and keyboard / mouse tray

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

17 kg / 37.5 lbs 17 kg / 37.5 lbs

details page 25

arm type 240 4.9 - 5.9 kg / 10.8 - 13.0 lbs (according to dimensions of keyboard tray) arm type 300 5.0 - 6.0 kg / 11.0 - 13.2 lbs (according to dimensions of keyboard tray)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

arm type 240 arm type 300 A-224M-Y.CD_T A-230M-Y.CD_T

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp





Fixed pole clamp



Adapter for Löwenstein Medical / ITD / mounting channel

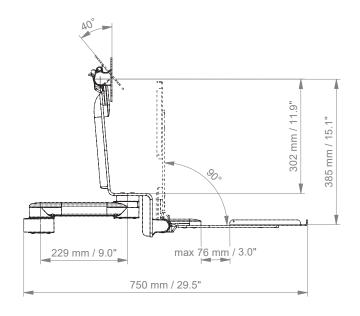




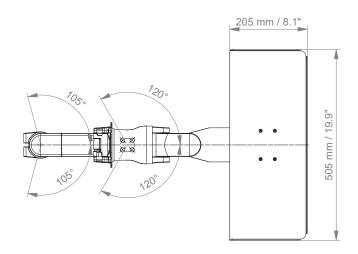
Support arm pivot with fold-up Z-bracket

Technical data - arm type 300, keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW









MD

Monitor / keyboard adaption

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation

Product weight

Keyboard tray T

Part number

Z-bracket VESA 75/100 and keyboard / mouse tray

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

17 kg / 37.5 lbs 17 kg / 37.5 lbs

6.2 - 7.2 kg / 13.7 - 15.9 lbs (according to dimensions of keyboard tray)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-H33030M-Y.CD T

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

details page 25



Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp







Adapter for Löwenstein Medical / ITD / mounting channel

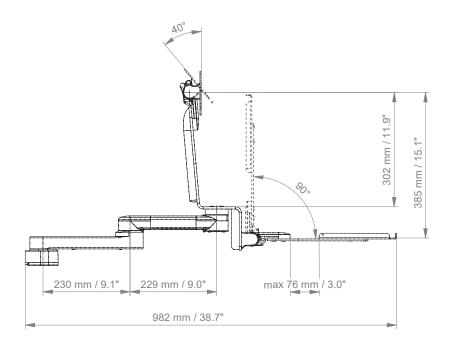




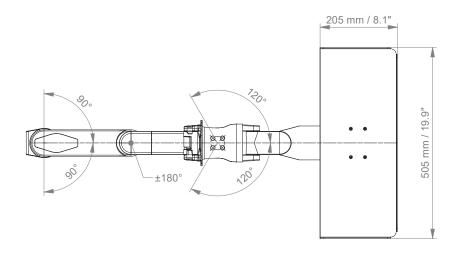
Extended pivot arm heavy duty with fold-up Z-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW





Height adjustable arm with fold-up Z-bracket





Monitor adaption

Height adjustment

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation

Product weight

Balancing range X

Keyboard tray T

Part number

Z-bracket VESA 75/100 and keyboard / mouse tray

slow-flowing spring, parallel linkage for a constant viewing angle

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

17 kg / 37.5 lbs 17 kg / 37.5 lbs

6.7 - 7.8 kg / 14.8 - 17.2 lbs (according to dimensions of keyboard tray)

950 N (1.5 - 4.5 kg / 3.3 - 9.9 lbs); 1100 N (3 - 9 kg / 6.6 - 19.8 lbs);

1300 N (5 - 9 kg / 11 - 19.8 lbs); 1600 N (8 - 15 kg / 17.6 - 33.1 lbs); 1750 N (10 - 13 kg / 22 - 28.7 lbs); 2200 N (13.5 - 16.5 kg / 29.8 - 36.4 lbs)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-431M-Y.CD_X_T

details page 25

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls



Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp



Fixed pole clamp



Adapter for Löwenstein Medical / ITD / mounting channel

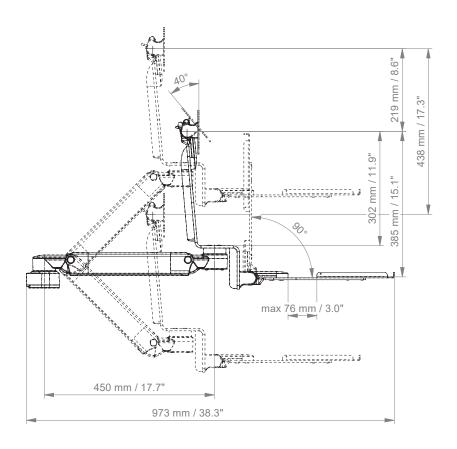




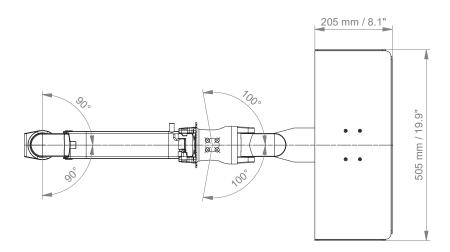
Height adjustable arm with fold-up Z-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

SIDE VIEW



TOP VIEW





Extended height adjustable arm with fold-up Z-bracket



Monitor adaption

Height adjustment

Colours to choose CD

Max. load capacity support arm Max. load monitor adaptation **Product weight**

Balancing range X

Keyboard tray T

Part number

Z-bracket VESA 75/100 and keyboard / mouse tray

slow-flowing spring, parallel linkage for a constant viewing angle

decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white

17 kg / 37.5 lbs 17 kg / 37.5 lbs

7.8 - 8.8 kg / 17.2 - 19.4 lbs (according to dimensions of keyboard tray)

950 N (1.5 - 4.5 kg / 3.3 - 9.9 lbs); 1100 N (3 - 9 kg / 6.6 - 19.8 lbs); 1300 N (5 - 9 kg / 11 - 19.8 lbs); 1600 N (8 - 15 kg / 17.6 - 33.1 lbs);

1750 N (10 - 13 kg / 22 - 28.7 lbs); 2200 N (13.5 - 16.5 kg / 29.8 - 36.4 lbs)

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm

11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

A-73130M-Y.CD_X_T

details page 25

Fixings Y



Adapter for vertical wall channel



Adapter for Mindray medical supply units

2F

Horizontal rail clamp



Adapter for Amico pendants & headwalls

Vertical rail clamp



Adapter for Dräger Ambia pendants & headwalls



Universal pole clamp



1B 1F

MD

Fixed pole clamp



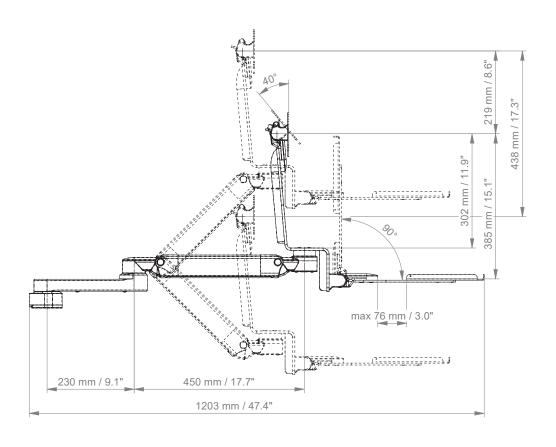
Adapter for Löwenstein Medical / ITD / mounting channel



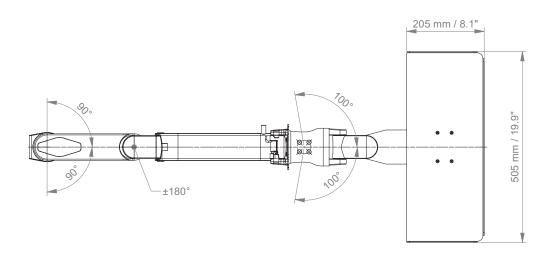
Extended height adjustable arm with fold-up Z-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

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	4 S
	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
100	Universal pole clamp	V-block to mount to pole ø 23 - 40 mm / 0.9 - 1.6"	0.6 kg / 1.3 lbs	1V
	Fixed pole clamp	To mount to pole ø 25 mm / 1.0" To mount to pole ø 30 mm / 1.2" To mount to pole ø 35 mm / 1.4" To mount to pole ø 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
0 0 0 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 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



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