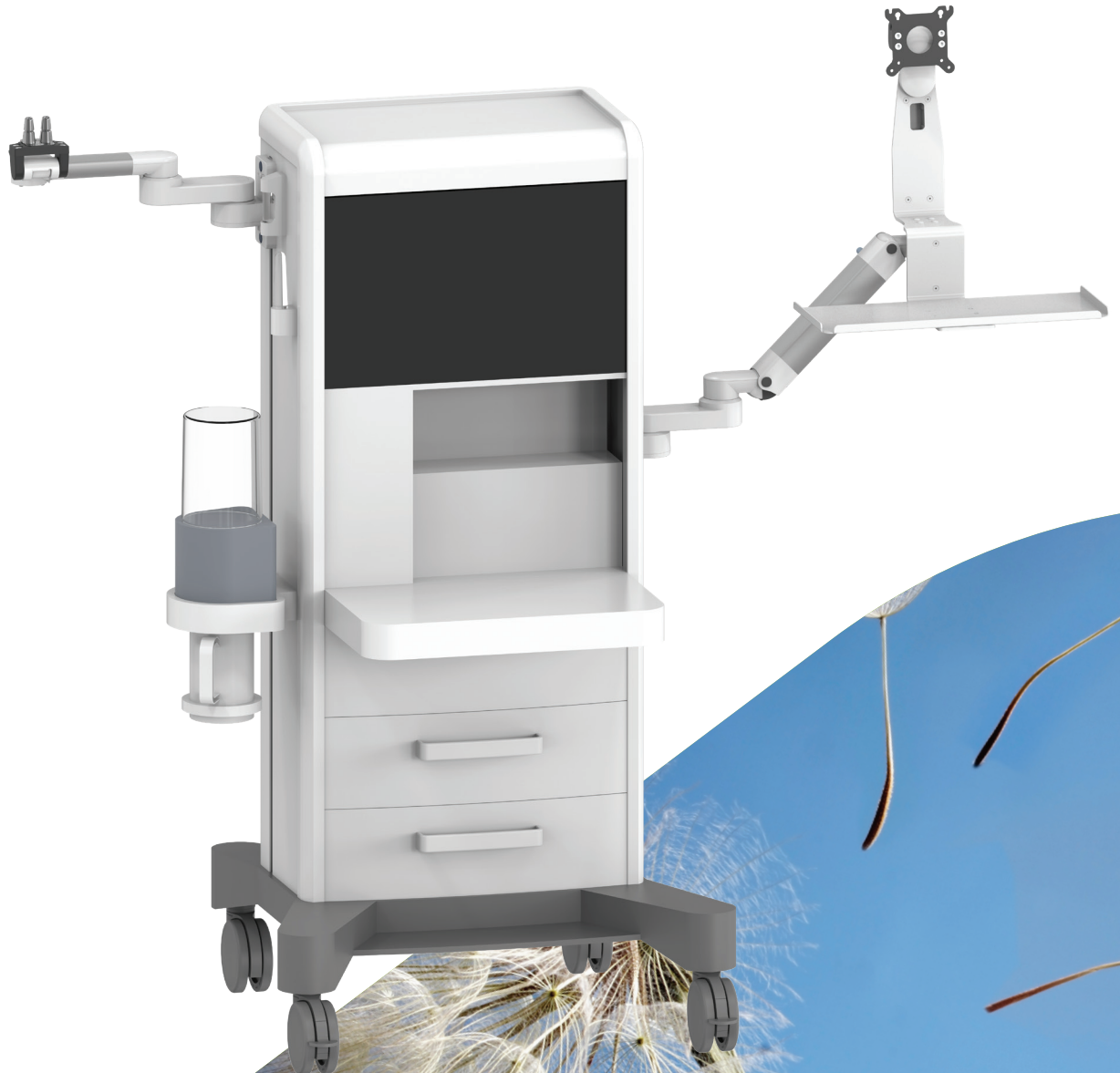




MOUNTING REFERENCE GUIDE

Monitoring and PDMS Mounting Solutions for Dameca AX700

CIM Cable Integrated Mounting System



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General notes

Product safety

CIM med® medical mounting solutions for anaesthesia machines are designed and tested to the most exacting of standards, are CE marked and adhere to the regulations (EU) 2017/745 (MDR). EN 60601-1 compliancy forms the basis of everything we do, to ensure that you and your customer get the safest, most beneficial solutions available in the world today.

Each arm is earthed back to the carts own earthing system. The arms can be restricted in movements to protect elements of the cart like rotameters, screens and cylinder manifolds. This also helps tip test conformity.

We have taken the time and effort to carry out all other testing such as static and dynamic load testing in combination with your anaesthesia cart. This is an essential part of medical compliance. We consider it our responsibility to ensure that the CIM configuration offered in this mounting reference guide, is tested, stable and safe. We will never supply you with

a solution that is not 100% compliant. It is important that the maximum load carrying capacity for the anaesthesia machine as stated by the manufacturer, is not exceeded when using multiple configurations.

Please ask for a variety of TÜV-tested mounting solutions for anaesthesia applications. A declaration of conformity as well as the TÜV report can be provided on request: enquiry@cim-med.com

Mounting positions

Monitoring and PDMS can be mounted on the left and on the right side of the AX 700. Available configurations and possible loading may depend on the mounting side.

Warranty

All CIM arms have a 5-year warranty to be free of defects in material and functionality 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 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

Monitor mount

How to create part numbers



1. Choose the arm version required:

H33013	=	extended pivot arm heavy duty
431	=	height adjustable arm
73113	=	extended height adjustable arm

2. Choose the monitor adaptations required:

A	=	5" plunge plate
G	=	VESA 75/100
MD	=	Mindray quick release
PH	=	Philips table top mount
RR	=	infusion pump mount (only with H33013)

3. Choose the mounting side (Y):

14L	=	Dameca AX700, left side
14R	=	Dameca AX700, right side

4. 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

Grounding		01 + 02 Arm version + Monitor adaption		03 Mounting side		Colour		04 Spring tension
A	-	431A	-	Y	.	gr2	-	X
A	-	431A	-	14L	.	gr2	-	95

Bracket and keyboard tray

How to create part numbers



1. Choose the arm version required:

H33013F	=	extended pivot arm heavy duty with W-bracket
73113F	=	extended height adjustable arm with W-bracket

2. Choose the mounting side (Y):

14L	=	Dameca AX500, left side
14R	=	Dameca AX500, right side

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

95	=	2.5 - 5.5 kg / 5.5 - 12.1 lbs
130	=	6 - 10 kg / 13.2 - 22 lbs




4. 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"
RC			= 480 x 220 mm (retractable mouse tray left/right 226 mm / 8.9")



Example

Grounding		01 Arm version		02 Mounting side		Colour		03 Spring tension		04 Keyboard tray
A	-	73113F	-	Y	.	gr2	-	X	-	T
A	-	73113F	-	14L	.	gr2	-	95	-	40

Load capacity support arm and monitor adaptation

	5" PLUNGE PLATE	VESA 75/100	MINDRAY QUICK RELEASE	PHILIPS TABLE TOP MOUNT	INFUSION PUMP MOUNT
					
LEFT SIDE					
Arm version	H33013A	H33013G	H33013MD	H33013PH	H33013RR
Max. load capacity support arm	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	23.0 kg / 50.7 lbs
Max. load monitor adaptation	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	
Product weight	3.6 kg / 7.9 lbs	3.6 kg / 7.9 lbs	3.6 kg / 7.9 lbs	3.5 kg / 7.7 lbs	3.0 kg / 6.6 lbs
Arm version	431A	431G	431MD	431PH	
Max. load capacity support arm	22.0 kg / 48.5 lbs	22.0 kg / 48.5 lbs	22.0 kg / 48.5 lbs	22.0 kg / 48.5 lbs	
Max. load monitor adaptation	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	
Product weight	4.7 kg / 10.4 lbs	4.6 kg / 10.1 lbs	4.7 kg / 10.4 lbs	4.6 kg / 10.1 lbs	
Arm version	73113A	73113G	73113MD	73113PH	
Max. load capacity support arm	19.5 kg / 43.0 lbs	19.5 kg / 43.0 lbs	19.5 kg / 43.0 lbs	19.5 kg / 43.0 lbs	
Max. load monitor adaptation	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	
Product weight	5.5 kg / 12.1 lbs	5.4 kg / 11.9 lbs	5.4 kg / 11.9 lbs	5.3 kg / 11.7 lbs	
RIGHT SIDE					
Arm version	H33013A	H33013G	H33013MD	H33013PH	H33013RR
Max. load capacity support arm	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	23.0 kg / 50.7 lbs
Max. load monitor adaptation	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	
Product weight	3.6 kg / 7.9 lbs	3.6 kg / 7.9 lbs	3.6 kg / 7.9 lbs	3.5 kg / 7.7 lbs	3.0 kg / 6.6 lbs
Arm version	431A	431G	431MD	431PH	
Max. load capacity support arm	18.5 kg / 40.8 lbs	18.5 kg / 40.8 lbs	18.5 kg / 40.8 lbs	18.5 kg / 40.8 lbs	
Max. load monitor adaptation	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	18.0 kg / 39.7 lbs	
Product weight	4.7 kg / 10.4 lbs	4.6 kg / 10.1 lbs	4.7 kg / 10.4 lbs	4.6 kg / 10.1 lbs	
Arm version	73113A	73113G	73113MD	73113PH	
Max. load capacity support arm	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	
Max. load monitor adaptation	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	15.5 kg / 34.2 lbs	
Product weight	5.5 kg / 12.1 lbs	5.4 kg / 11.9 lbs	5.4 kg / 11.9 lbs	5.3 kg / 11.7 lbs	

Load capacity support arm and monitor adaptation

	W-BRACKET	W-BRACKET
		
LEFT AND RIGHT SIDE		
Arm version	H33013F	73113F
Max. load capacity support arm	10.0 kg / 22.0 lbs	10.0 kg / 22.0 lbs
Max. load monitor adaptation	10.0 kg / 22.0 lbs	10.0 kg / 22.0 lbs
Product weight *	5.3 - 6.9 kg / 11.6 - 15.2 lbs	6.9 - 8.5 kg / 15.2 - 18.7 lbs

*) according to dimensions of keyboard tray

Bracket with keyboard fold-up function on request.

Monitor mount

Extended pivot arm heavy duty

Monitor adaption, weights & loads

see page 7

Mounting side

see page 5 & 6 (Y)

Colours

decorative parts: RAL 7024 graphite grey
aluminum parts: RAL 9002 grey white

Part number

A-H33013A-Y.gr2	5" plunge plate
A-H33013G-Y.gr2	VESA 75/100
A-H33013MD-Y.gr2	Mindray quick release
A-H33013PH-Y.gr2	Philips table top mount
Z-H33013RR-Y.gr2	infusion pump mount

NOTE: This support arm can be mounted on the right or left side.



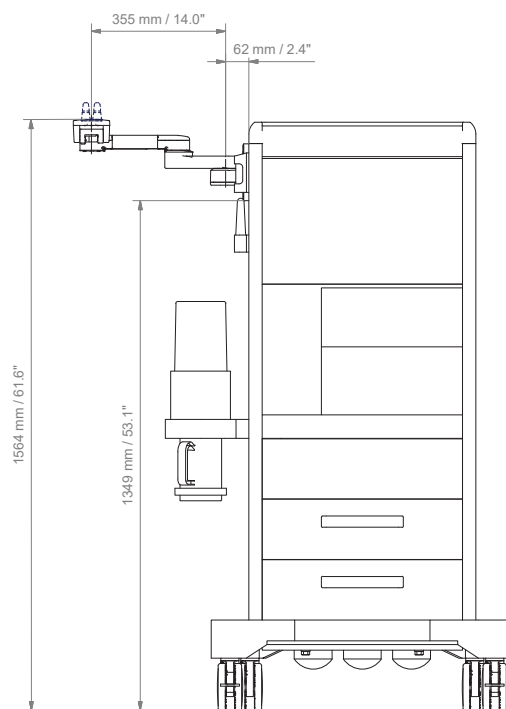
Illustration shown with Philips table top mount

Monitor mount

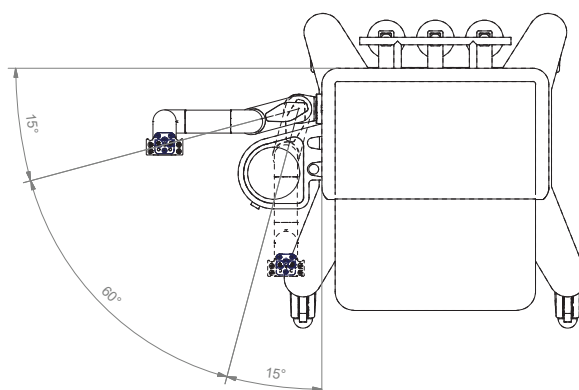
Extended pivot arm heavy duty

Technical data

FRONT VIEW



TOP VIEW



Monitor mount

Height adjustable arm



Monitor adaption, weights & loads

see page 7

Mounting side

see page 5 & 6 (Y)

Colours

decorative parts: RAL 7024 graphite grey
aluminum parts: RAL 9002 grey white

Height adjustment

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

Balancing range

600 N (2 - 5 kg / 4.4 - 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) (X)

Part number

A-431A-Y.gr2_X	5" plunge plate
A-431G-Y.gr2_X	VESA 75/100
A-431MD-Y.gr2_X	Mindray quick release
A-431PH-Y.gr2_X	Philips table top mount

NOTE: This support arm can be mounted on the right or left side.
The possible loading can be different whether it is mounted on the left side or on the right side of the anesthesia machine.

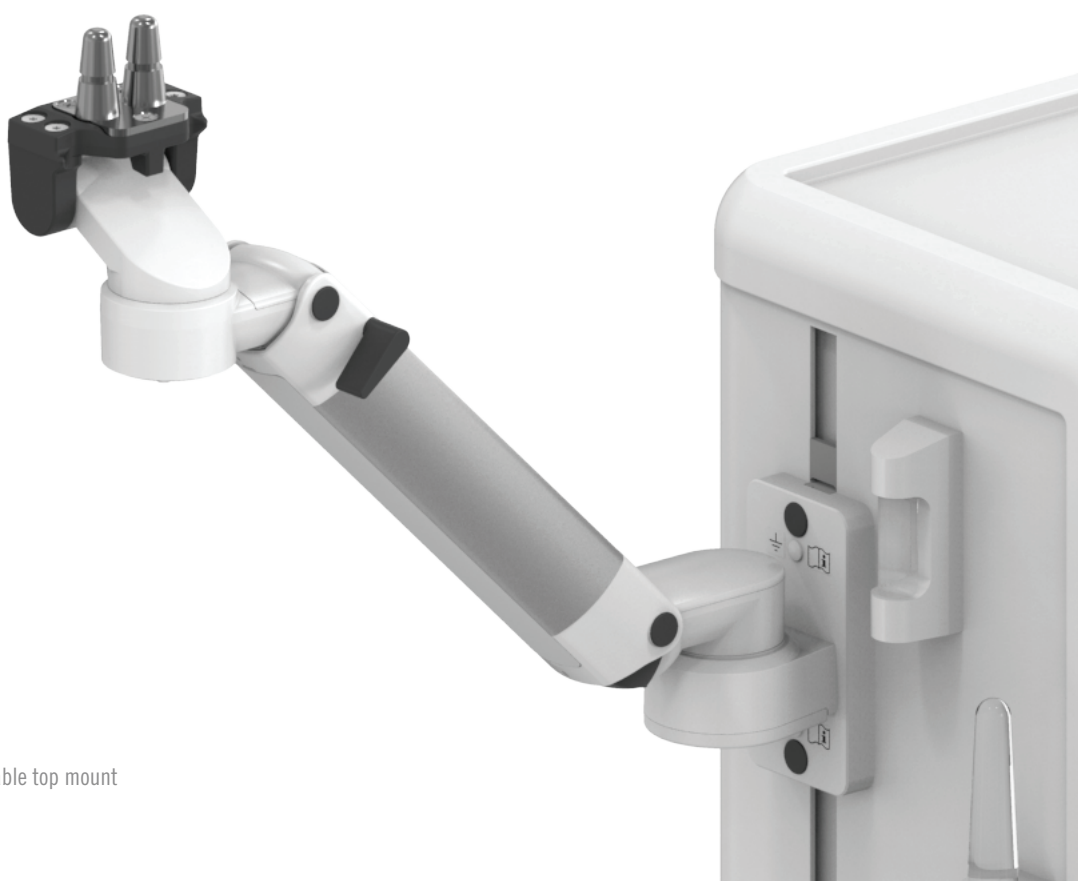


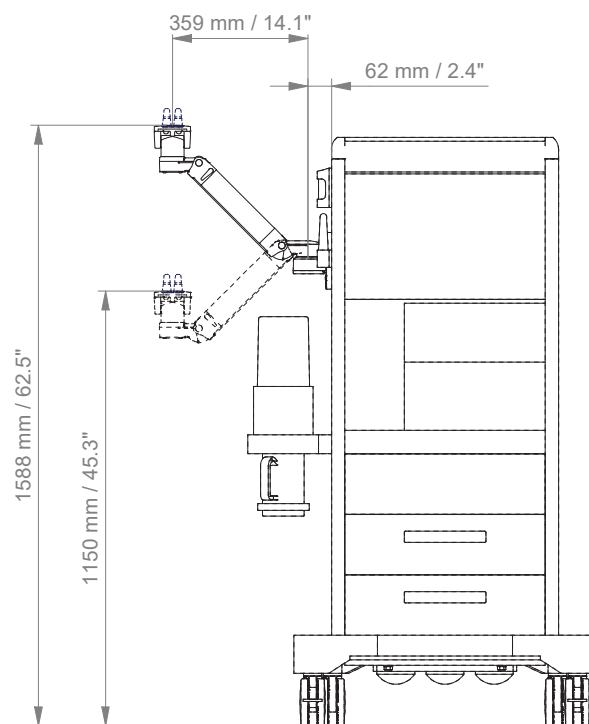
Illustration shown with Philips table top mount

Monitor mount

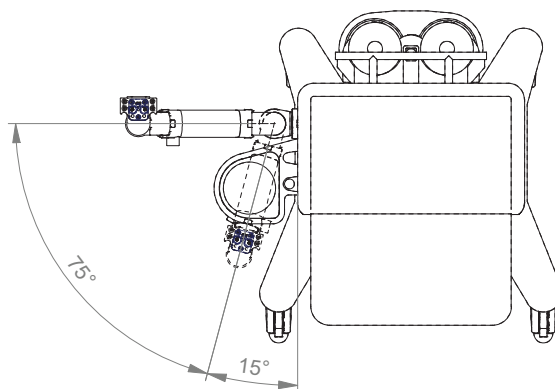
Height adjustable arm

Technical data

FRONT VIEW



TOP VIEW



Monitor mount

Extended height adjustable arm



Monitor adaption, weights & loads

see page 7

Mounting side

see page 5 & 6 (Y)

Colours

decorative parts: RAL 7024 graphite grey
aluminum parts: RAL 9002 grey white

Height adjustment

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

Balancing range

600 N (2 - 5 kg / 4.4 - 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) (X)

Part number

A-73113A-Y.gr2_X	5" plunge plate
A-73113G-Y.gr2_X	VESA 75/100
A-73113MD-Y.gr2_X	Mindray quick release
A-73113PH-Y.gr2_X	Philips table top mount

NOTE: This support arm can be mounted on the right or left side.
The possible loading can be different whether it is mounted on the left side or on the right side of the anesthesia machine.

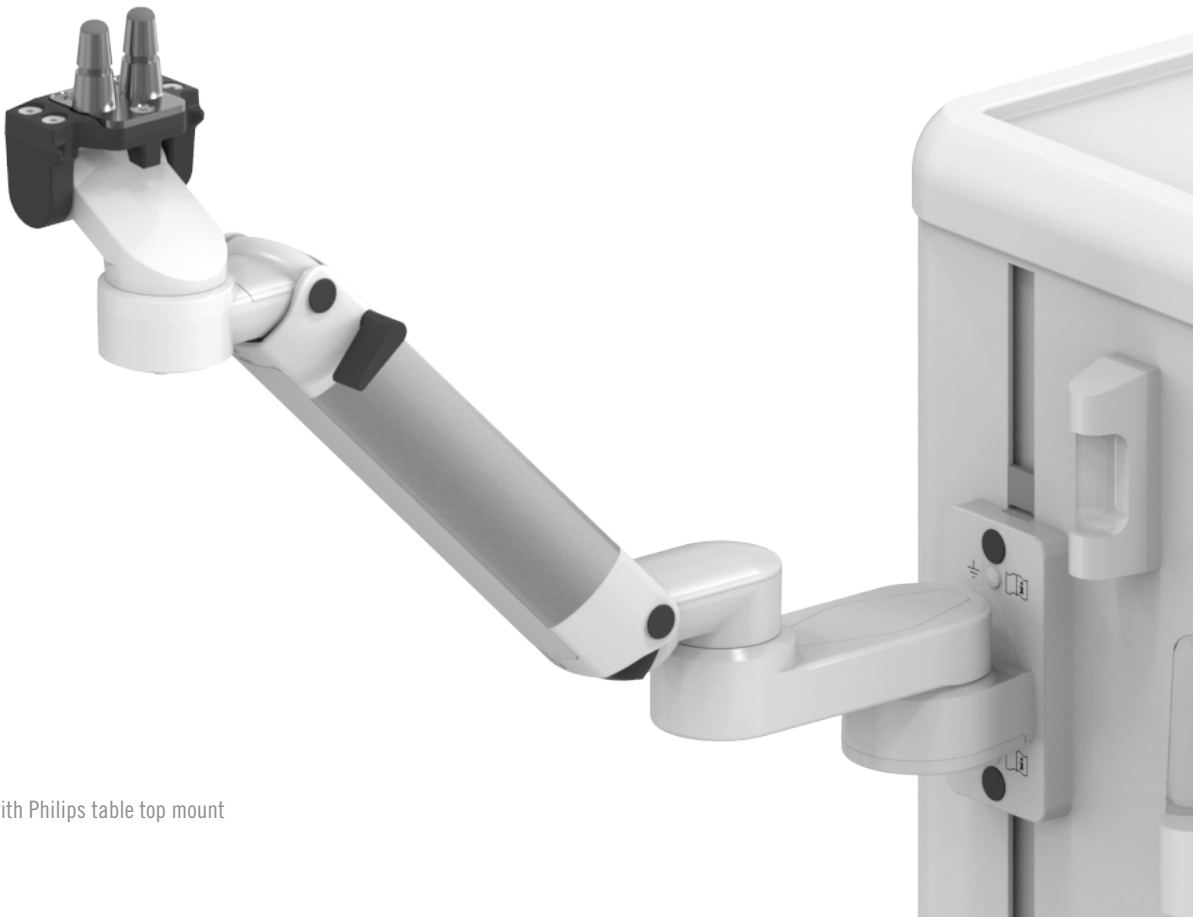


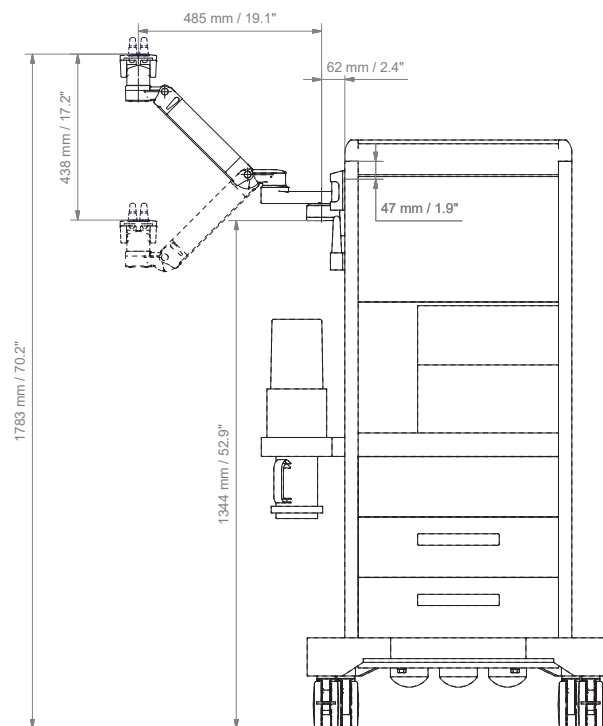
Illustration shown with Philips table top mount

Monitor mount

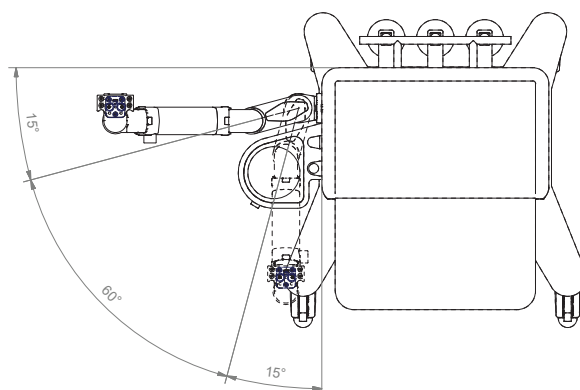
Extended height adjustable arm

Technical data

FRONT VIEW



TOP VIEW



Bracket and keyboard tray

Extended pivot arm heavy duty

Monitor/ keyboard adaption

W-bracket VESA 75/100 and keyboard / mouse tray bracket with keyboard fold-up funktion on request

Mounting side

see page 8

Weights & loads

see page 5 & 6 (Y)

Colours

decorative parts: RAL 7024 graphite grey
aluminum parts: RAL 9002 grey white

Keyboard tray dimension

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 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", 18.9 x 8.7" (T)

Part number

A-H33013F-Y.gr2_T



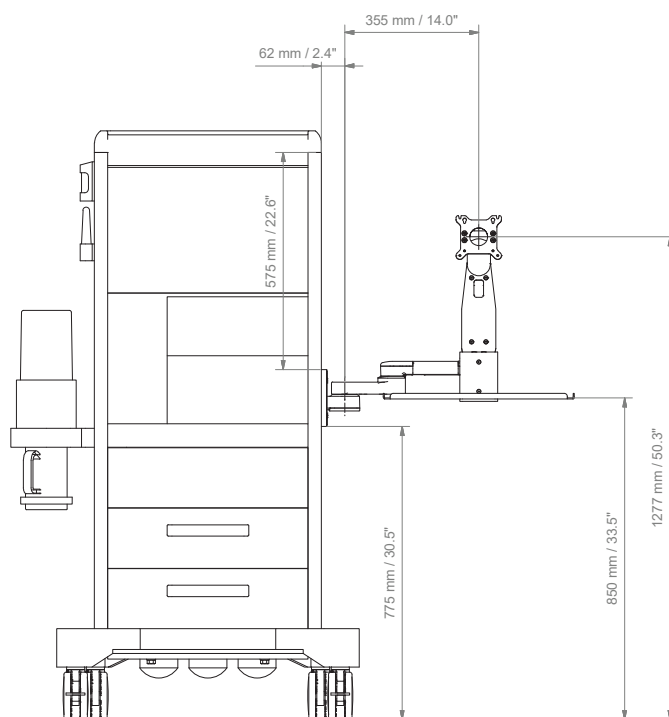
NOTE: This support arm can be mounted on the right or left side.

Bracket and keyboard tray

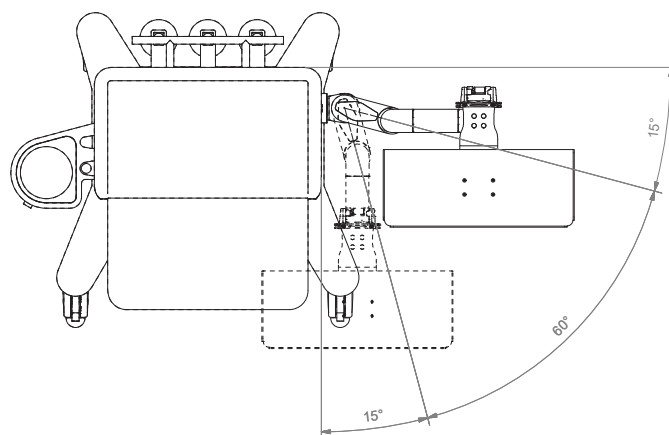
Extended pivot arm heavy duty

Technical data

FRONT VIEW



TOP VIEW



Bracket and keyboard tray

Extended height adjustable arm

Monitor/ keyboard adaption

W-bracket VESA 75/100 and keyboard / mouse tray bracket with keyboard fold-up funktion on request

Mounting side

see page 8

Weights & loads

see page 5 & 6 (Y)

Colours

decorative parts: RAL 7024 graphite grey
aluminum parts: RAL 9002 grey white

Height adjustment

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

Balancing range

950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1300 N (6 - 10 kg / 13.2 - 22 lbs) (X)

Keyboard tray dimension

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 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", 18.9 x 8.7" (T)

Part number

A-73113F-Y.gr2_X_T



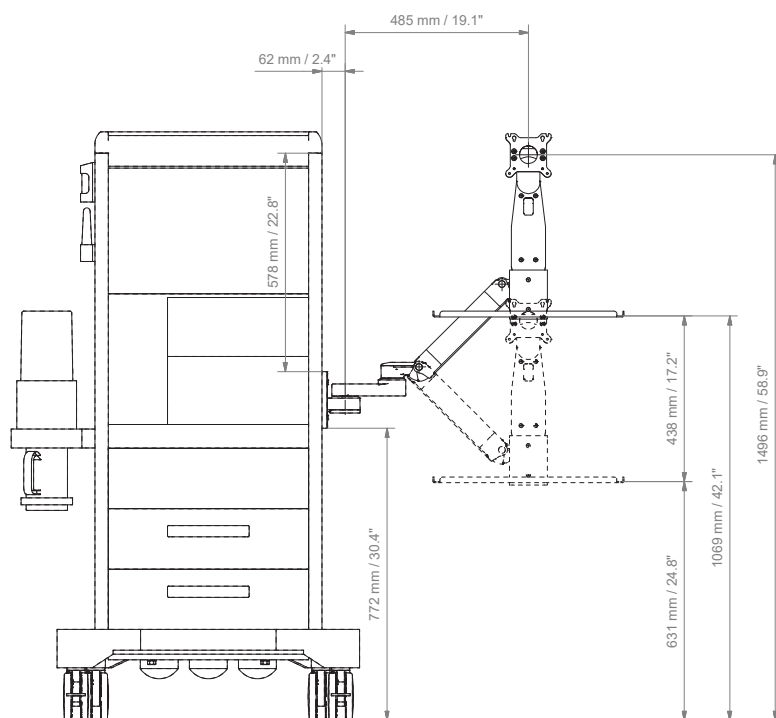
NOTE: This support arm can be mounted on the right or left side.

Bracket and keyboard tray

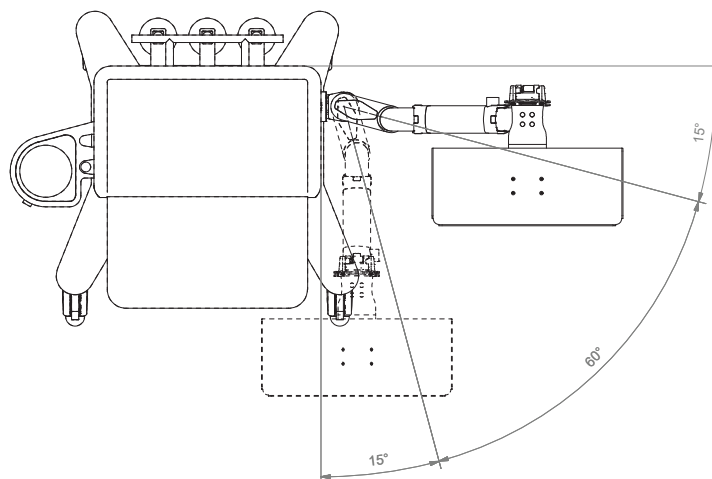
Extended height adjustable arm

Technical data

FRONT VIEW



TOP VIEW





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