Mounting Solutions for GE Healthcare Aisys CS[2]

CIM Cable Integrated Mounting System

Content

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 GE Healthcare Aisys CS[2].

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

How to create part numbers

1. Choose the arm version required:

H33013	=	extended pivot arm heavy duty
431	=	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):

4S-01L	=	GE Aisys CS^2, left side
4S-01R	=	GEAisys CS^2, right side

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):

60	=	2 - 5 kg / 4.4 - 11 lbs
95	=	4 - 9 kg / 8.8 - 19.8 lbs

Example

Grounding		01 + 02 Arm version + Monitor adaption		03 Mounting side		04 + 05 Colour		06 Spring tension
GE	-	431A	-	Y	.	CD	_	X
GE	-	431A	-	4S-01L	.	bl1	_	95

Bracket and keyboard tray

How to create part numbers

1. **Choose the arm version required:**

   H33013F   =   extended pivot arm heavy duty

2. **Choose the mounting side (Y):**

4S-01L	=	GE Aisys CS^2, left side
4S-01R	=	GEAisys CS^2, right side

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

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

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

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

5. **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"
65	65S	65W	=	650 x 200 mm / 25.6 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		03 + 04 Colour		05 Keyboard tray
GE	-	H33013F	-	Y	.	CD	_	T
GE	-	H33013F	-	4S-01R	.	bl1	_	30

Load capacity support arm and monitor adaptation

	5" PLUNGE PLATE	VESA 75/100	MINDRAY QUICK RELEASE	PHILIPS TABLE TOP MOUNT	INFUSION PUMP MOUNT
LEFT AND RIGHT SIDE					
Arm version	**H33013A**	**H33013G**	**H33013MD**	**H33013PH**	**H33013RR**
Max. load capacity support arm	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	11.0 kg / 24.3 lbs
Max. load monitor adaptation	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	
Product weight	3.3 kg / 7.3 lbs	3.4 kg / 7.5 lbs	3.3 kg / 7.3 lbs	3.2 kg / 7.1 lbs	2.8 kg / 6.2 lbs
Arm version	**431A**	**431G**	**431MD**	**431PH**	
Max. load capacity support arm	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	
Max. load monitor adaptation	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	6.5 kg / 14.3 lbs	
Product weight	4.4 kg / 9.8 lbs	4.3 kg / 9.5 lbs	4.4 kg / 9.8 lbs	4.3 kg / 9.5 lbs	

	W-BRACKET
LEFT AND RIGHT SIDE	
Arm version	**H33013F**
Max. load capacity support arm	5.5 kg / 12.1 lbs
Max. load monitor adaptation	5.5 kg / 12.1 lbs
Product weight *	5.0 - 6.6 kg / 11.0 - 14.6 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 to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey (C)
	aluminum parts RAL 9016 traffic white / RAL 9002 grey white (D)
Part numbers	GE-H33013A-Y.CD 5" plunge plate
	GE-H33013G-Y.CD VESA 75/100
	GE-H33013MD-Y.CD Mindray quick release
	GE-H33013PH-Y.CD Philips table top mount
	GE-H33013RR-Y.CD infusion pump mount

NOTE: The arm can be mounted either on the left or right side of the anaesthesia machine.
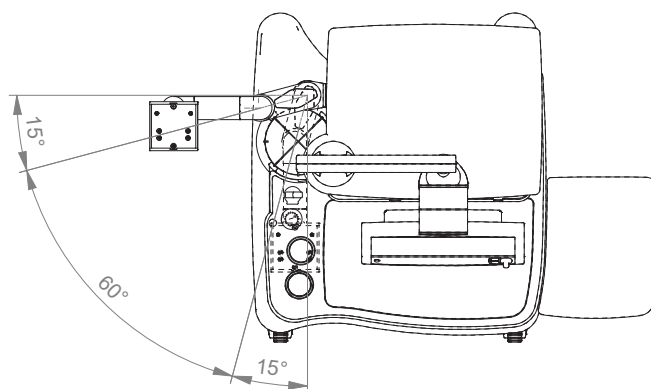

Illustration shown with 5" plunge plate

Extended pivot arm heavy duty

Technical data

FRONT VIEW

422 mm / 16.6"

1402 mm / 55.2"

TOP VIEW

15°

60°

15°

Monitor mount

Height adjustable arm

Monitor adaption, weights & loads	see page 7
Mounting side	see page 5 & 6 (Y)
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey (C)
	aluminum parts RAL 9016 traffic white / RAL 9002 grey white (D)
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) (X)
Part numbers	GE-431A-Y.CD_X 5" plunge plate
	GE-431G-Y.CD_X VESA 75/100
	GE-431MD-Y.CD_X Mindray quick release
	GE-431PH-Y.CD_X Philips table top mount

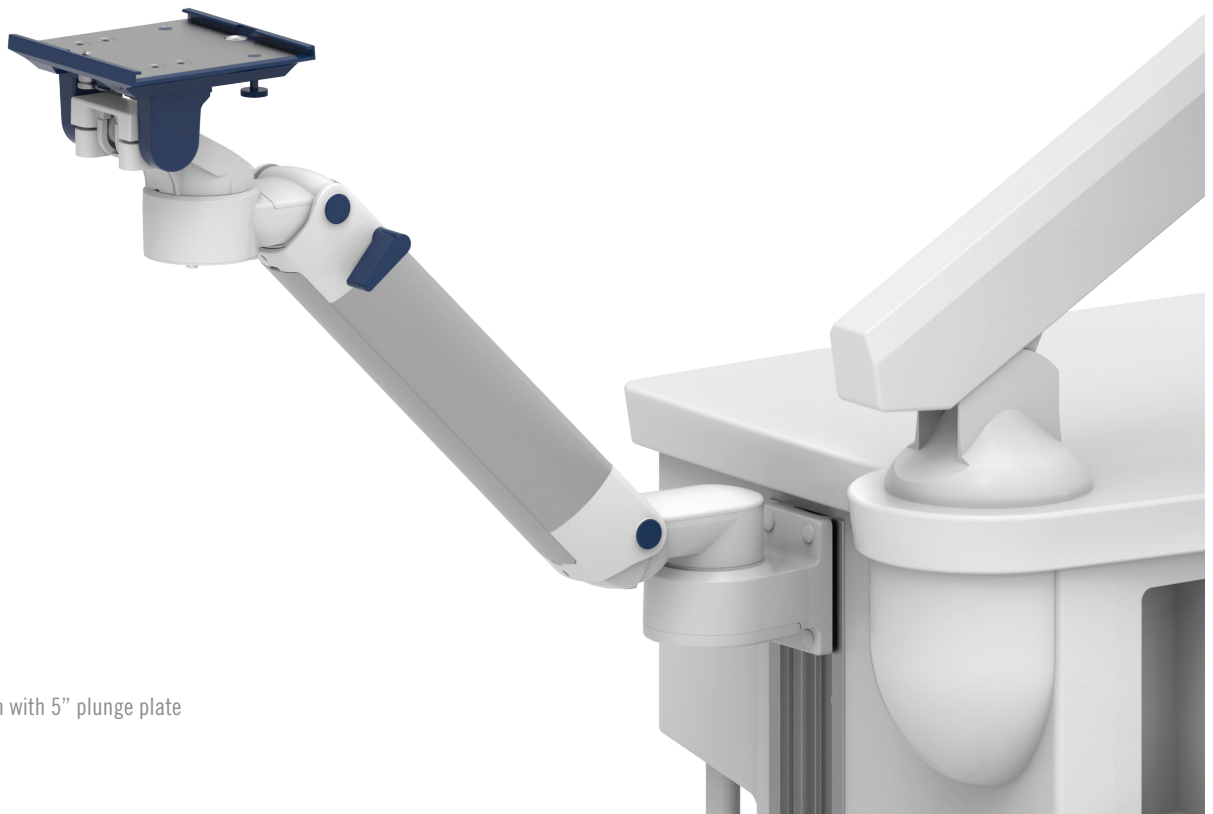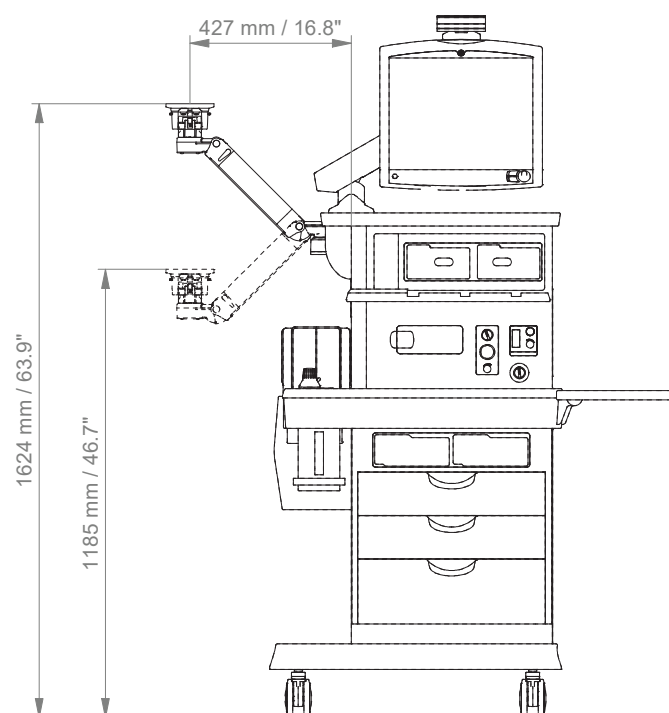**NOTE:** The arm can be mounted either on the left or right side of the anaesthesia machine.
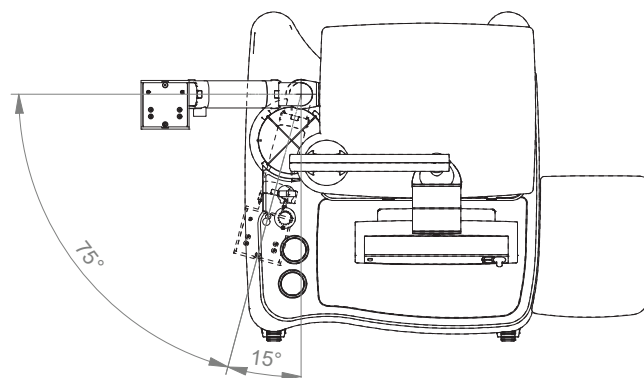
Illustration shown with 5" plunge plate

Height adjustable arm

Technical data

FRONT VIEW

427 mm / 16.8"

1624 mm / 63.9"

1185 mm / 46.7"

TOP VIEW

75°

15°

Bracket and keyboard tray

Extended pivot arm heavy duty

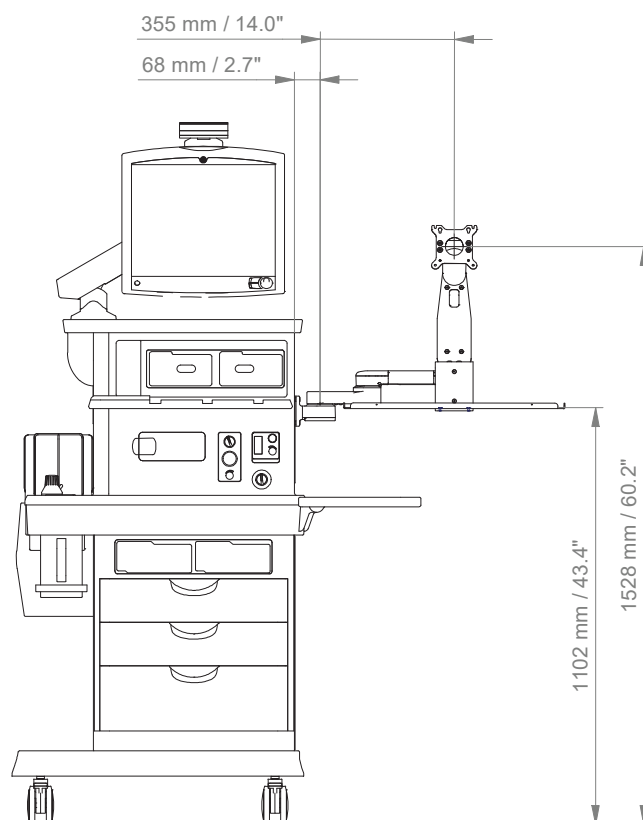|	
Monitor/ keyboard adaption	W-bracket VESA 75/100 and keyboard / mouse tray bracket with keyboard fold-up funktion on request
Mounting side	see page 5 & 6 (Y)
Weights & loads	see page 7
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey (C) aluminum parts RAL 9016 traffic white / RAL 9002 grey white (D)
Keyboard tray dimension	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" (T)
Part number	GE-H33013F-Y.CD_T
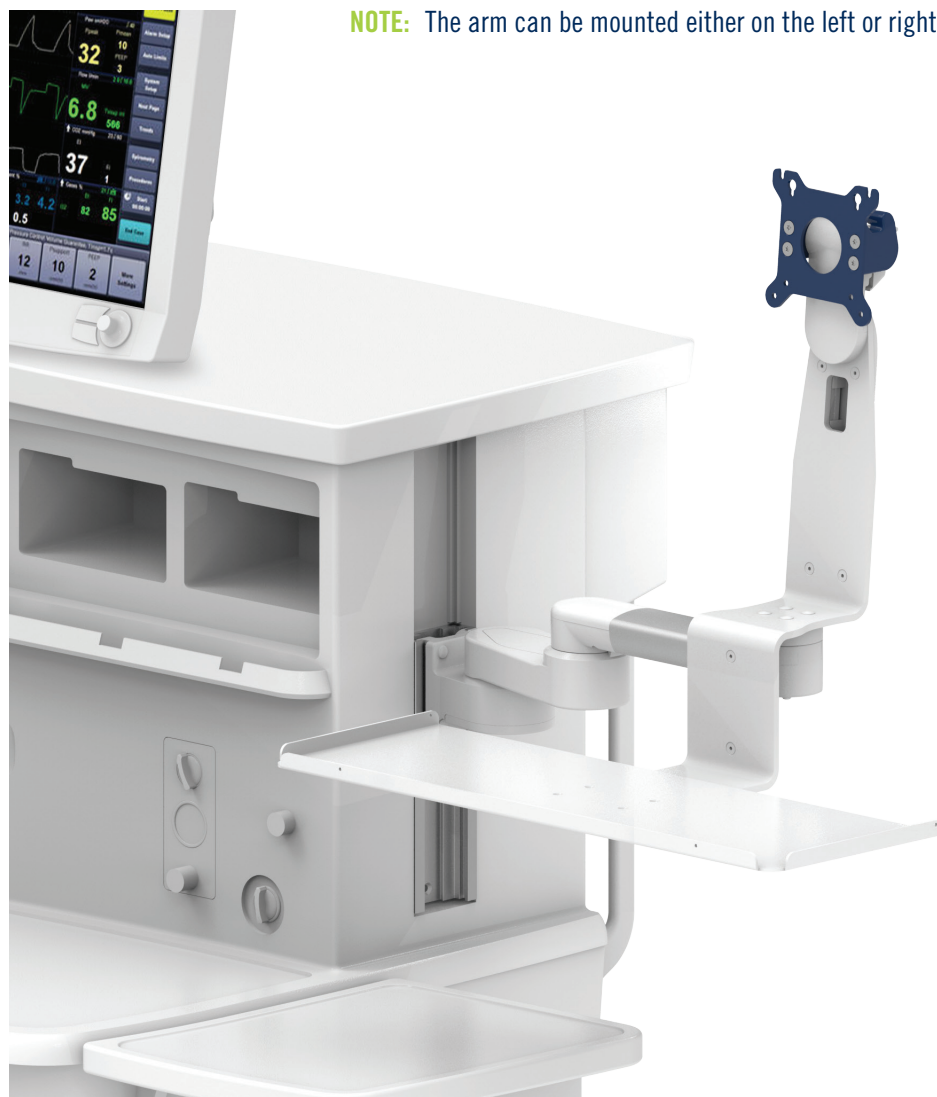
NOTE: The arm can be mounted either on the left or right side of the anaesthesia machine.
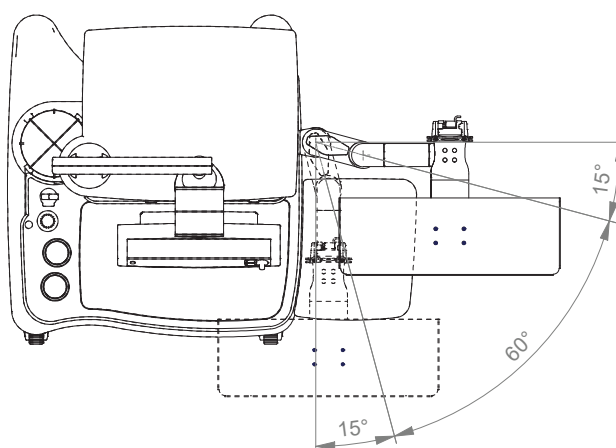
Bracket and keyboard tray

Extended pivot arm heavy duty

Technical data

FRONT VIEW

355 mm / 14.0"
68 mm / 2.7"
1528 mm / 60.2"
1102 mm / 43.4"

TOP VIEW

15°
60°
15°