CIMmed

MOUNTING REFERENCE GUIDE

Monitoring and PDMS Mounting Solutions for Mindray Wato EX-65 pro

CIM Cable Integrated Mounting System

THINK BEFORE YOU PRINT

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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 Wato EX-65 pro.

Product marking
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.

MD 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.

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.

SAFETY

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.

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
PH	=	Philips table top mount
RR	=	infusion pump mount (only with H33013)

3. Choose the mounting side (Y):

4S-05L	=	Mindray Wato EX-65 pro, left side
4S-05R	=	Mindray Wato EX-65 pro, right side

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

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

5. Colour of the aluminium die-cast parts:

1	=	RAL 9016 (traffic 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
110	=	4.5 - 10 kg / 9.9 - 22 lbs
130	=	7.5 - 10 kg / 16.5 - 22 lbs

Example

Grounding		01 + 02 Arm version + Monitor adaption		03 Mounting side		04 + 05 Colour		06 Spring tension
MD	-	431A	-	Y	.	C1	_	X
MD	-	431A	-	4S-05L	.	bl1	_	95

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):

4S-05L	=	Mindray Wato EX-65 pro, left side
4S-05R	=	Mindray Wato EX-65 pro, right side

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

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

4. Colour of the aluminium die-cast parts:

1	=	RAL 9016 (traffic white)

5. 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
110	=	3.5 - 6.5 kg / 7.7 - 14.3 lbs

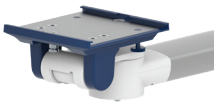
6. Specify the requested size of the keyboard tray (T):

30	=	300 x 210 mm / 11.8 x 8.3”
40	=	400 x 150 mm / 15.7 x 5.9”
50	=	500 x 200 mm / 19.7 x 7.9”
58	=	580 x 200 mm / 22.8 x 7.9”

Example

Grounding		01 Arm version		02 Mounting side		03 + 04 Colour		05 Spring tension		06 Keyboard tray
MD	-	73113F	-	Y	.	C1	_	X	_	T
MD	-	73113F	-	4S-05R	.	bl1	_	95	_	30

Load capacity support arm and monitor adaptation

	5” PLUNGE PLATE	VESA 75/100	PHILIPS TABLE TOP MOUNT	INFUSION PUMP MOUNT
				
LEFT AND RIGHT SIDE				
Arm version	**H33013A**	**H33013G**	**H33013PH**	**H33013RR**
Max. load capacity support arm	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	14.5 kg / 32.0 lbs
Max. load monitor adaptation	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	
Product weight	3.3 kg / 7.3 lbs	3.4 kg / 7.5 lbs	3.2 kg / 7.1 lbs	2.8 kg / 6.2 lbs
Arm version	**431A**	**431G**	**431PH**	
Max. load capacity support arm	10.0 kg / 22.0 lbs	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	10.0 kg / 22.0 lbs	
Product weight	4.4 kg / 9.8 lbs	4.3 kg / 9.5 lbs	4.3 kg / 9.5 lbs	
Arm version	**73113A**	**73113G**	**73113PH**	
Max. load capacity support arm	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	
Max. load monitor adaptation	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	8.0 kg / 17.6 lbs	
Product weight	5.2 kg / 11.5 lbs	5.1 kg / 11.3 lbs	5.0 kg / 11.0 lbs	

	W-BRACKET	W-BRACKET
LEFT AND RIGHT SIDE		
Arm version	**H33013F**	**73113F**
Max. load capacity support arm	11.5 kg / 25.4 lbs	6.5 kg / 14.3 lbs
Max. load monitor adaptation	11.5 kg / 25.4 lbs	6.5 kg / 14.3 lbs
Product weight *	5.0 - 5.4 kg / 11.0 - 11.9 lbs	6.7 - 7.1 kg / 14.8 - 15.7 lbs

*) Product weight varies depending on the size of the keyboard tray.

Keyboard with fold-up function available on request. The overall weight capacity of the fold-up version may be less due to the higher weight of the Z-bracket and fold-up keyboard tray.

Monitor mount

Extended pivot arm heavy duty

Monitor adaption, weights & loads see page 7

Mounting side Y see page 5

Colours to choose C

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

MD

Part numbers

MD-H33013A-Y.C1	5” plunge plate
MD-H33013G-Y.C1	VESA 75/100
MD-H33013PH-Y.C1	Philips table top mount
MD-H33013RR-Y.C1	infusion pump mount

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

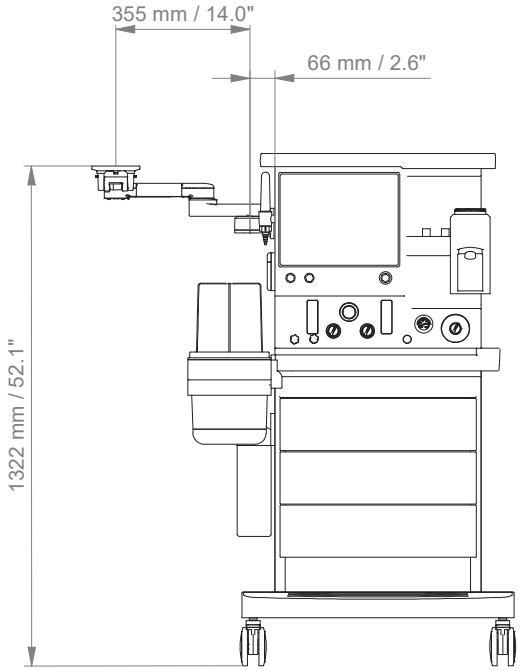
Illustration shown with 5” plunge plate

Monitor mount

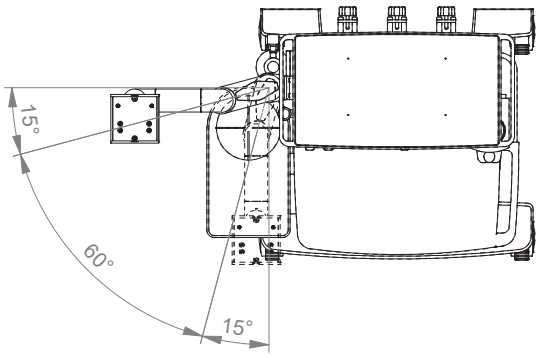
Extended pivot arm heavy duty

Technical data

FRONT VIEW



TOP VIEW



Monitor mount

Height adjustable arm

Monitor adaption, weights & loads	see page 7	
Mounting side Y	see page 5	
Colours to choose C	decorative parts aluminum parts	RAL 5013 cobalt blue / RAL 7024 graphite grey RAL 9016 traffic white
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle	
Balancing range X	600 N (2 - 5 kg / 4.4 - 11 lbs); 950 N (4 - 9 kg / 8.8 - 19.8 lbs); 1100 N (4.5 - 10 kg / 9.9 - 22 lbs); 1300 N (7.5 - 10 kg / 16.5 - 22 lbs)	
Part numbers	MD-431A-Y.C1_X MD-431G-Y.C1_X MD-431PH-Y.C1_X	5” plunge plate VESA 75/100 Philips table top mount

MD

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

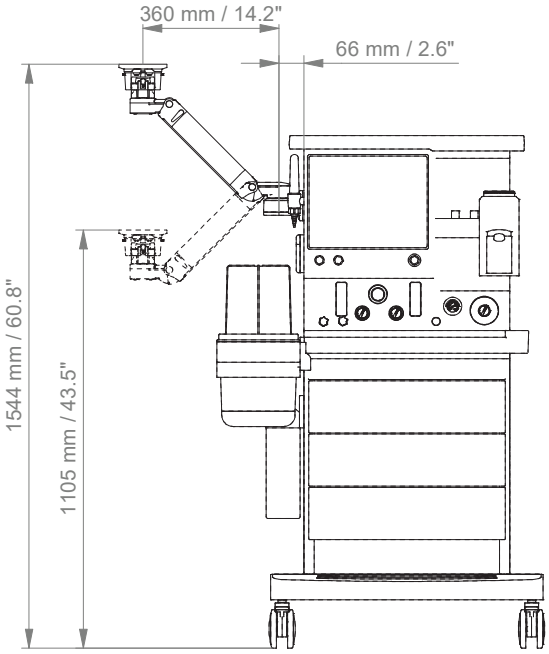
Illustration shown with 5” plunge plate

Monitor mount

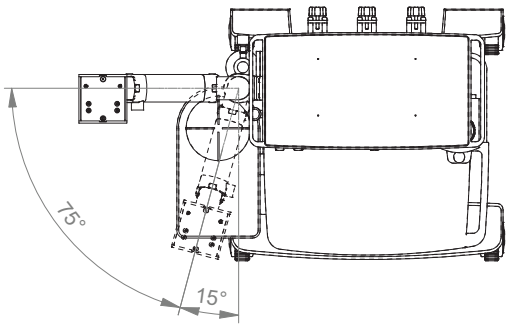
Height adjustable arm

Technical data

FRONT VIEW



TOP VIEW



Monitor mount

Extended height adjustable arm

MD

Monitor adaption, weights & loads	see page 7	
Mounting side Y	see page 5	
Colours to choose C	decorative parts aluminum parts	RAL 5013 cobalt blue / RAL 7024 graphite grey RAL 9016 traffic white
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle	
Balancing range X	600 N (2 - 5 kg / 4.4 - 11 lbs); 950 N (4 - 8 kg / 8.8 - 17.6 lbs)	
Part numbers	MD-73113A-Y.C1_X MD-73113G-Y.C1_X MD-73113PH-Y.C1_X	5” plunge plate VESA 75/100 Philips table top mount

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

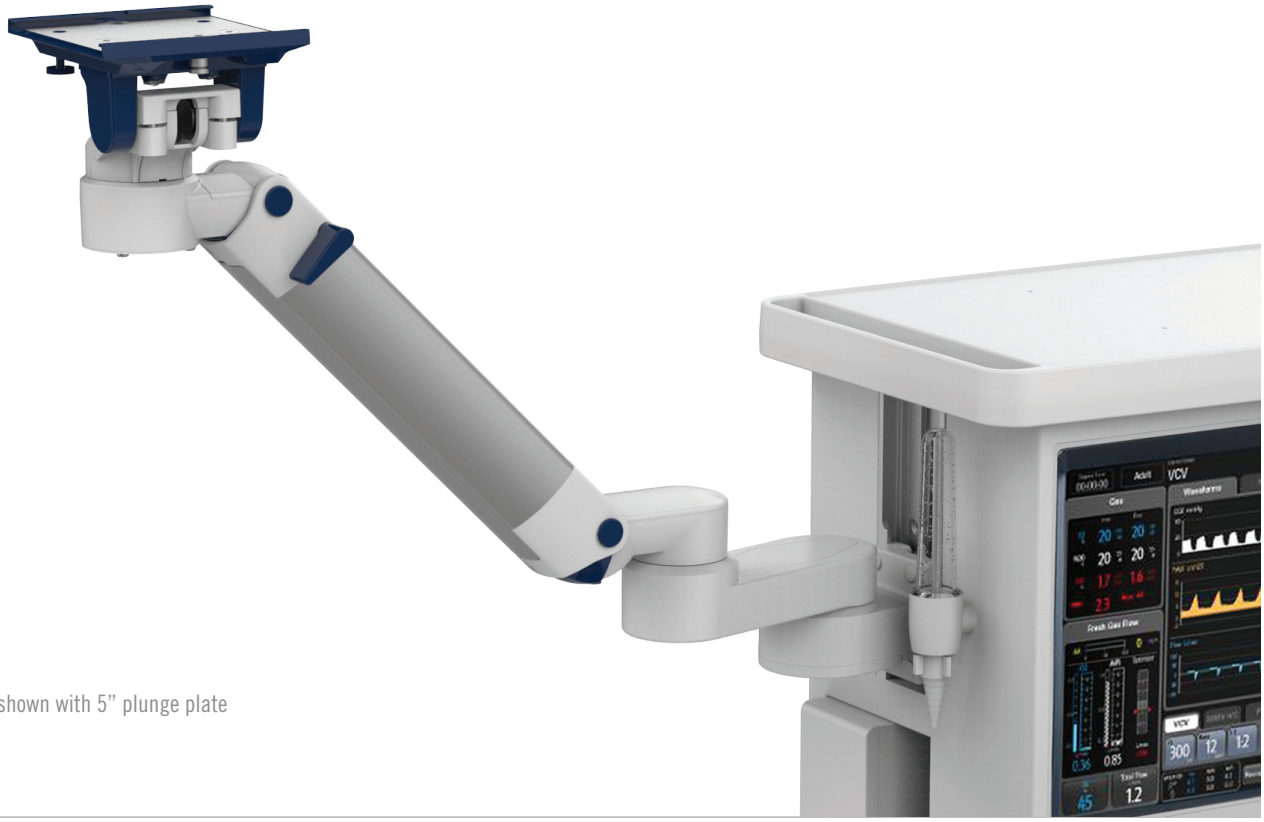


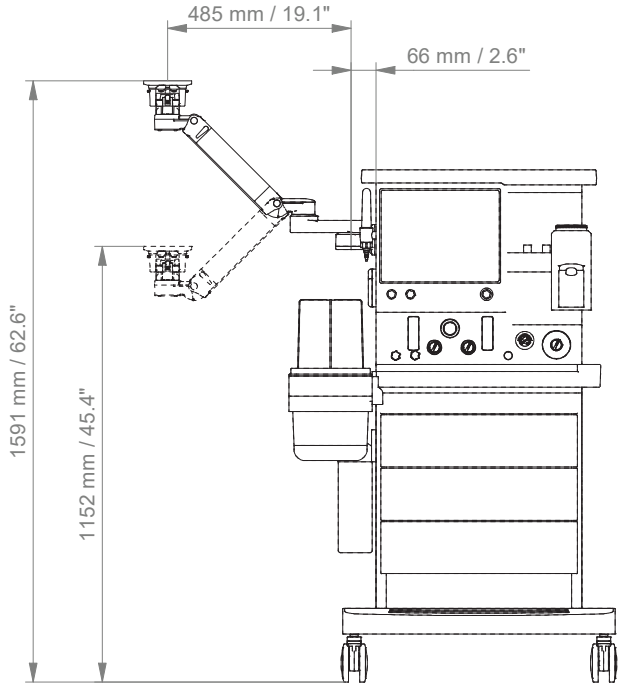
Illustration shown with 5” plunge plate

Monitor mount

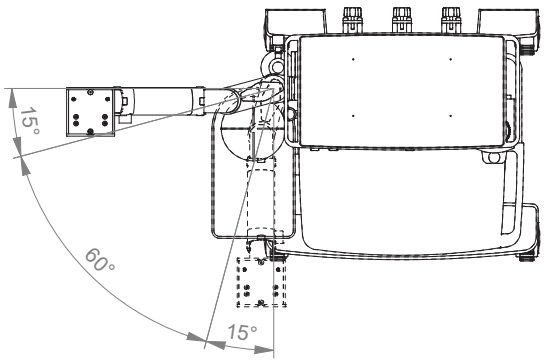
Extended height adjustable arm

Technical data

FRONT VIEW



TOP VIEW



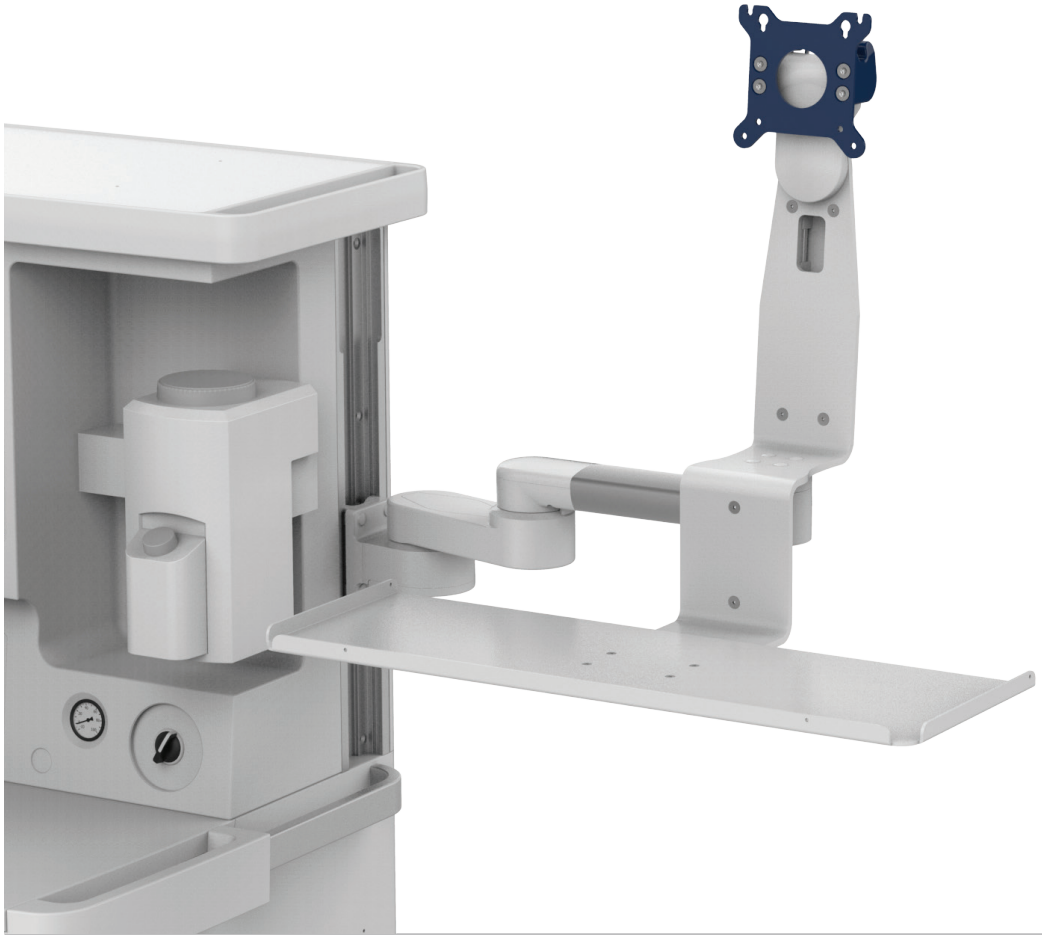
Bracket and keyboard tray

Extended pivot arm heavy duty with W-bracket

MD

Monitor/ keyboard adaption	W-bracket VESA 75/100 and keyboard / mouse tray bracket with keyboard fold-up funktion on request
Weights & loads	see page 7
Mounting side Y	see page 6
Colours to choose C	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white
Keyboard tray dimension T	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”
Part number	MD-H33013F-Y.C1_T

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

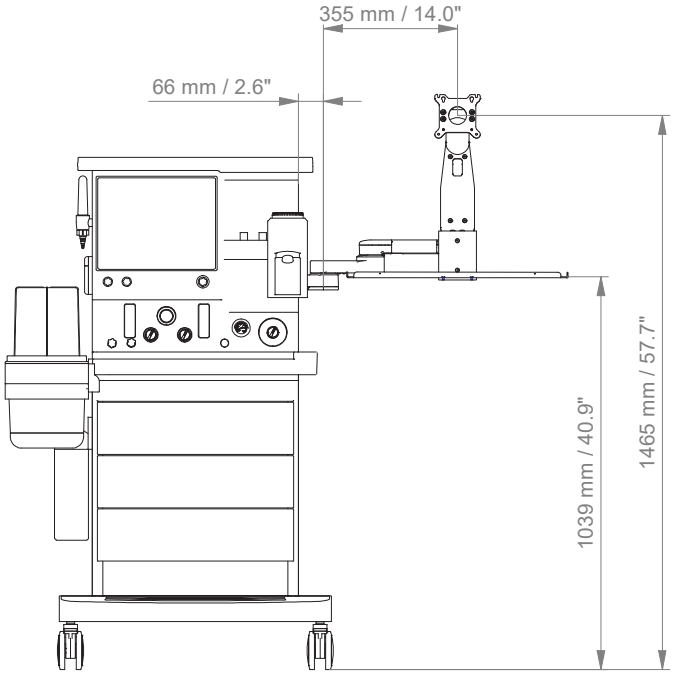


Bracket and keyboard tray

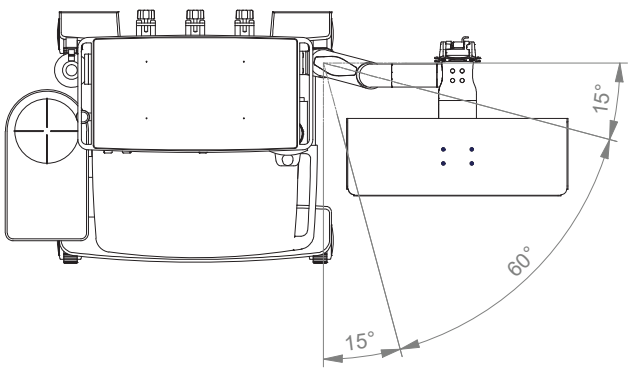
Extended pivot arm heavy duty with W-bracket

Technical data

FRONT VIEW



TOP VIEW



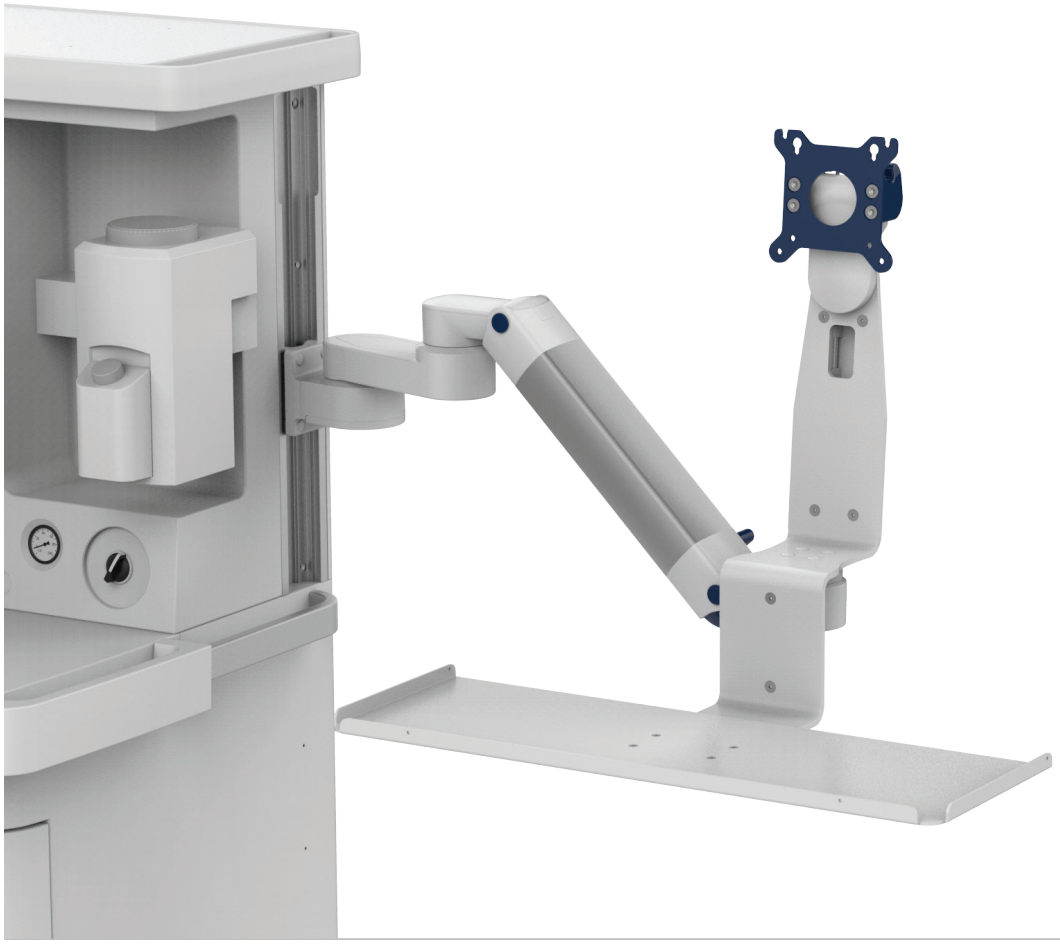
Bracket and keyboard tray

Extended height adjustable arm with W-bracket

Monitor/ keyboard adaption	W-bracket VESA 75/100 and keyboard / mouse tray bracket with keyboard fold-up funktion on request
Weights & loads	see page 7
Mounting side Y	see page 6
Colours to choose C	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white
Balancing range X	950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1100 N (3.5 - 6.5 kg / 7.7 - 14.3 lbs)
Keyboard tray dimension T	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”
Part number	MD-73113F-Y.C1_X_T

MD

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

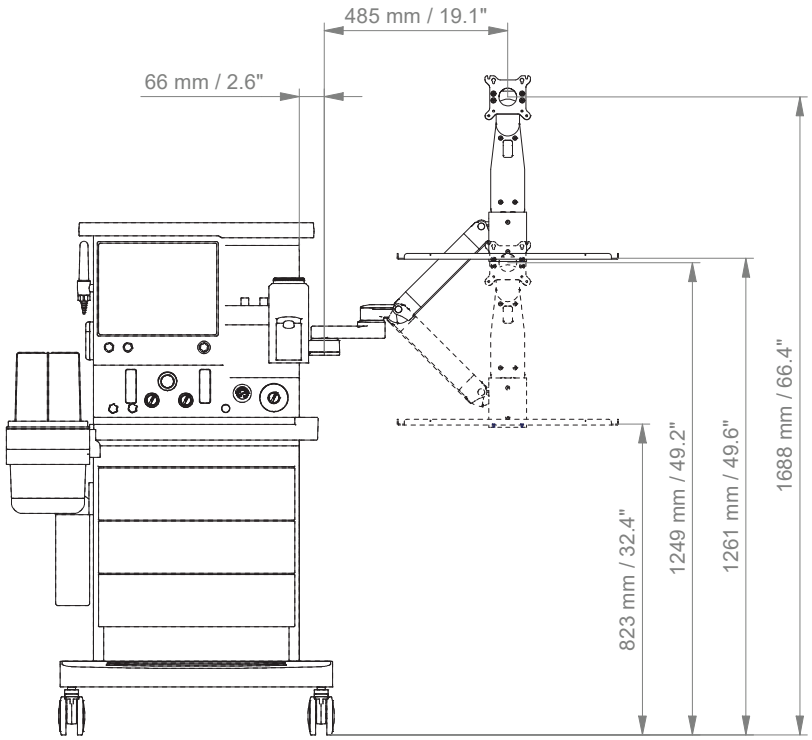


Bracket and keyboard tray

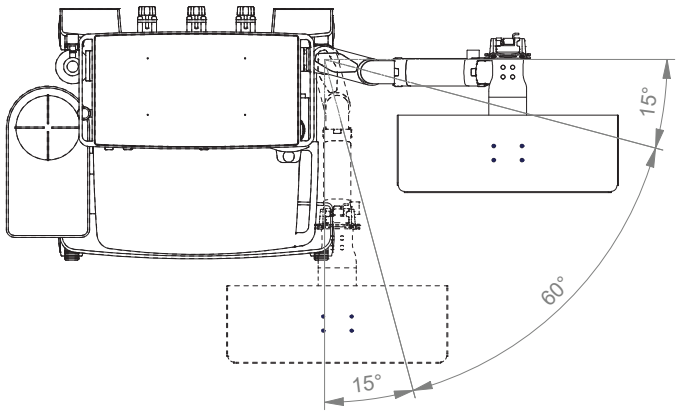
Extended height adjustable arm with W-bracket

Technical data

FRONT VIEW



TOP VIEW



Top: Monitor mount

Counter top

Max. load monitor adaptation	10 kg / 22.0 lbs
Product weight	1.6 kg / 3.5 lbs

Colours to choose C

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

MD

Part numbers

MD-HA-WAT.C1_50	5” plunge plate
MD-HPH-WAT.C1_50	Philips table top mount

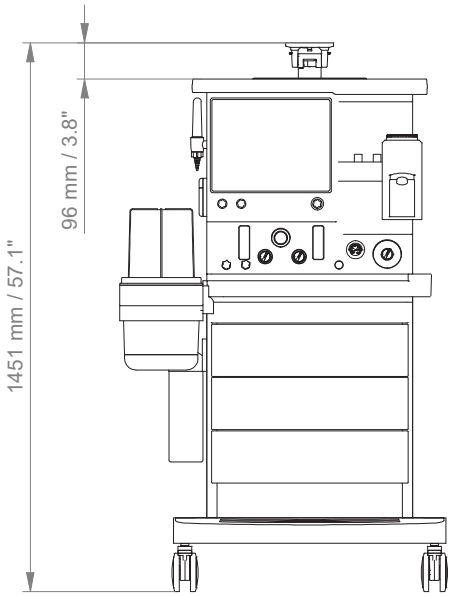
Illustration shown with 5” plunge plate

Top: Monitor mount

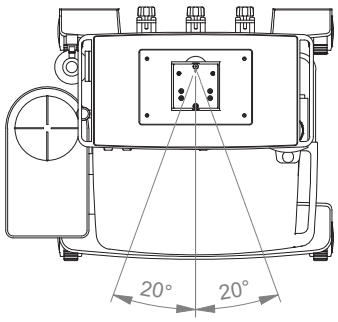
Counter top

Technical data

FRONT VIEW



TOP VIEW



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Mindray Wato EX-65 pro_2024.02_EN