CIMmed

MOUNTING REFERENCE GUIDE

VESA 75/100 Adaptation with Quick Release

CIM Cable Integrated Mounting System



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General notes

Monitor Adaptations
The quick release monitor adaptation with adapter plate for VESA 75/75 (part no. Z-QR-C) or VESA 75/100 (part no. Z-QR-G) allows a quick change of the monitor. Please note that the quick release adapter plate has to be ordered separately.
Mounting solutions for monitors with VESA 75/100 without quick release can be found in our catalogue VESA 75/100 adaptation.

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.

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 arms have a 5-year warranty to be free of defects in material and fuctionality from the date of delivery.



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:

S	=	not grounded
A	=	grounded

2. Choose the arm version required:

910Q	=	flush mount
224Q / 230Q	=	support arm pivot
33030Q	=	extended pivot arm light duty
H33030Q	=	extended pivot arm heavy duty
431Q	=	height adjustable arm
73130Q	=	extended height adjustable arm
531Q	=	high position height adjustable arm
83130Q	=	extended high position 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"
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
4S	=	vertical wall channel
13	=	Mindray medical supply units
17	=	Amico pendants & headwalls
9	=	Löwenstein Medical anaestesia machine





How to create part numbers

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
110	=	4.5 - 12.5 kg / 9.9 - 27.6 lbs
130	=	7.5 - 13 kg / 16.5 - 28.7 lbs
160	=	12.5 - 19 kg / 27.6 - 41.9 lbs
175	=	13 - 16 kg / 28.7 - 35.3 lbs
220	=	16 - 22 kg / 35.3 - 48.5 lbs

Example

01 Grounding		02 Arm version		03 Fixing		04 & 05 Colour		06 Spring tension
A	-	431Q	-	Y	.	CD	_	X
A	-	431Q	-	4S	.	gr1	_	95

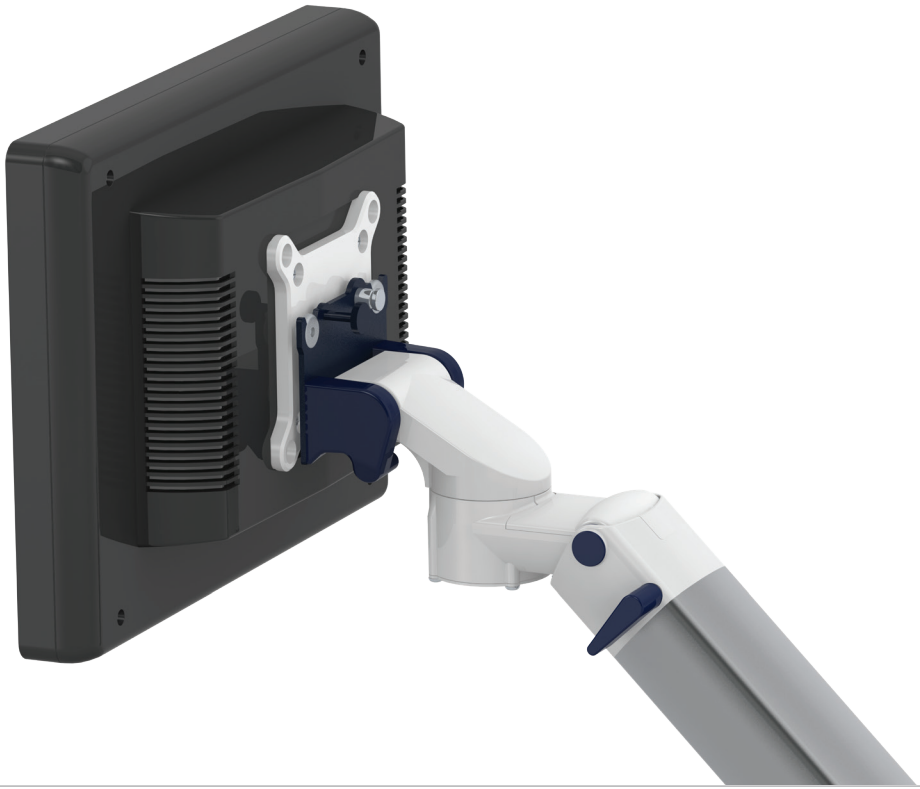
Quick release adapter plate VESA

VESA 75 Quick release adapter plate (Z-QR-C.D)
The adapter plate shown is mounted to the rear side of the monitor's hole pattern 75 x 75 mm (2.9 x 2.9"). The quick release adapter plate has to be be ordered separately.
Product weight: 0.2 kg / 0.4 lbs



VESA 75/ 100 Quick release adapter plate (Z-QR-G.D)
The adapter plate shown is mounted to the rear side of the monitor using either the 75 x 75 mm (2.9 x 2.9") or 100 x 100 mm (3.9 x 3.9") hole pattern. The quick release adapter plate has to be ordered separately.
Product weight: 0.2 kg / 0.4 lbs





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.



Flush mount

MD



Monitor adaption	quick release base plate	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	18 kg / 39.7 lbs	
Max. load monitor adaptation	18 kg / 39.7 lbs	
Product weight	0.8 kg / 1.8 lbs	
Part number	S-910Q-Y.CD	
	Z-QR-C.D	quick release adapter plate VESA 75
	Z-QR-G.D	quick release adapter plate VESA 75/100

Fixings Y | details page 30



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



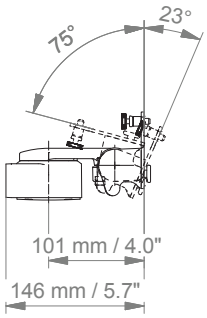
17

Adapter for Amico pendants & headwalls

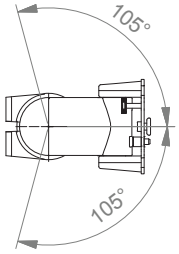
Flush mount

Technical data

SIDE VIEW



TOP VIEW



Support arm pivot

MD



Monitor adaption	quick release base plate	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	18 kg / 39.7 lbs	
Max. load monitor adaptation	18 kg / 39.7 lbs	
Product weight	arm type 240	1.6 kg / 3.5 lbs
	arm type 300	1.8 kg / 4.0 lbs
Part number	A-224Q-Y.CD	arm type 240
	A-230Q-Y.CD	arm type 300
	Z-QR-C.D	quick release adapter plate VESA 75
	Z-QR-G.D	quick release adapter plate VESA 75/100

Fixings Y | details page 30 and 31



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



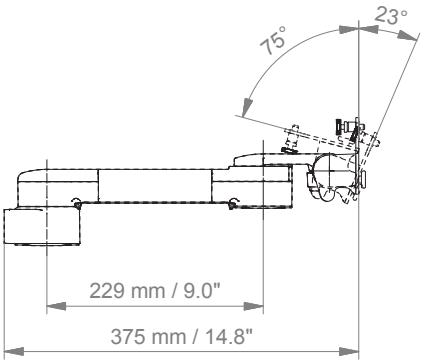
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Adapter for Löwenstein Medical anaesthesia machines

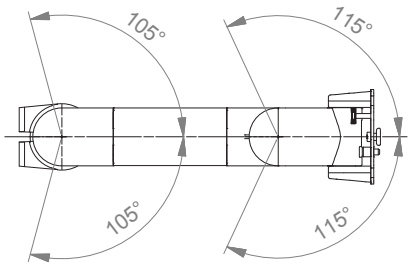
Support arm pivot

Technical data – arm type 300

SIDE VIEW

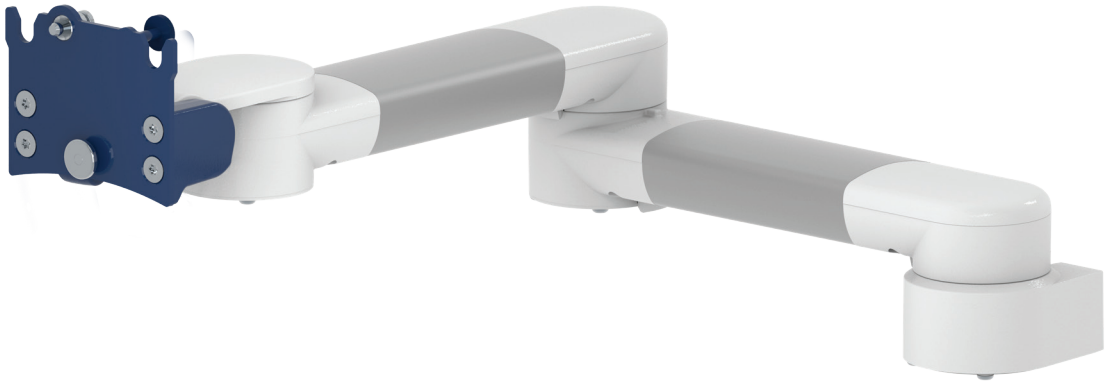


TOP VIEW



Extended pivot arm light duty

MD



Monitor adaption	quick release base plate	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	8 kg / 17.6 lbs	
Max. load monitor adaptation	8 kg / 17.6 lbs	
Product weight	2.7 kg / 6.0 lbs	
Part number	A-33030Q-Y.CD	
	Z-QR-C.D	quick release adapter plate VESA 75
	Z-QR-G.D	quick release adapter plate VESA 75/100

Fixings Y | details page 30 and 31



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



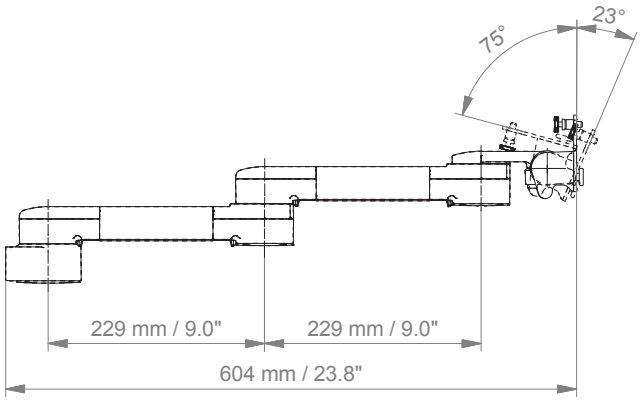
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Adapter for Löwenstein Medical anaesthesia machines

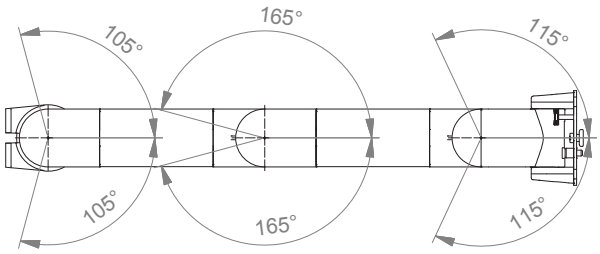
Extended pivot arm light duty

Technical data

SIDE VIEW

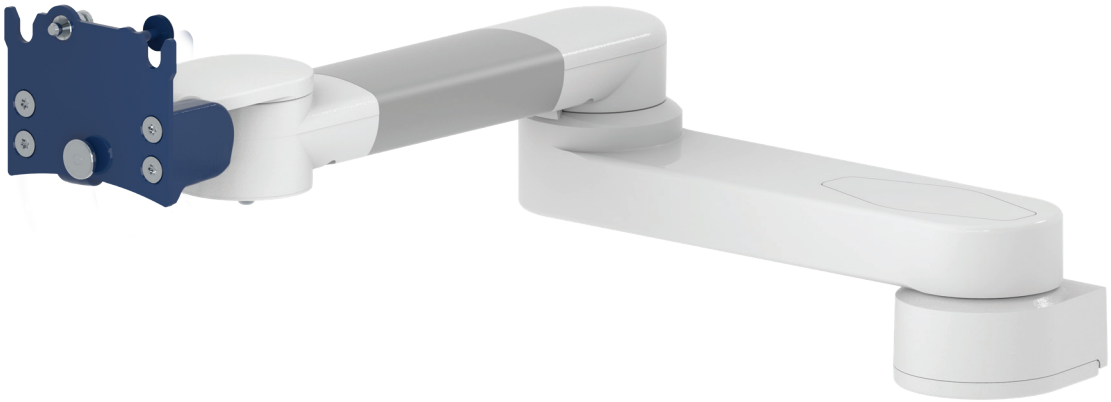


TOP VIEW



Extended pivot arm heavy duty

MD



Monitor adaption	quick release base plate	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	18 kg / 39.7 lbs	
Max. load monitor adaptation	18 kg / 39.7 lbs	
Product weight	2.9 kg / 6.4 lbs	
Part number	A-H33030Q-Y.CD	
	Z-QR-C.D	quick release adapter plate VESA 75
	Z-QR-G.D	quick release adapter plate VESA 75/100

Fixings Y | details page 30 and 31



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



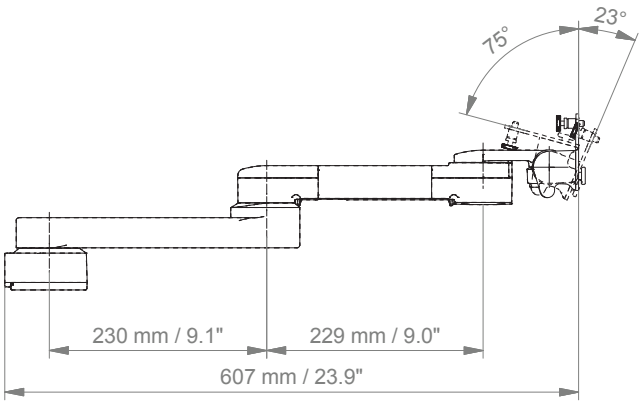
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Adapter for Löwenstein Medical anaesthesia machines

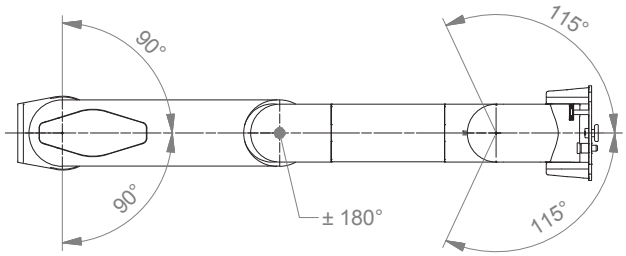
Extended pivot arm heavy duty

Technical data

SIDE VIEW

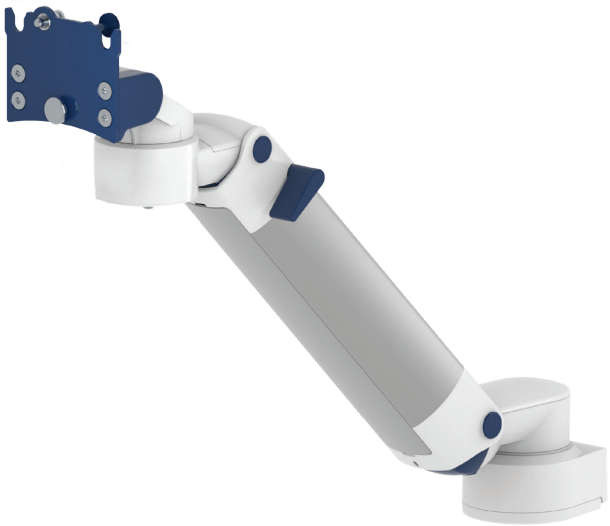


TOP VIEW



Height adjustable arm

MD



Monitor adaption	quick release base plate
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	22 kg / 48.5 lbs
Max. load monitor adaptation	18 kg / 39.7 lbs
Product weight	3.6 kg / 7.9 lbs
Balancing range	600 N (2-5 kg / 4.4-11 lbs); 950 N (4-9 kg / 8.8-19.8 lbs); 1100 N (4.5-12.5 kg / 9.9-27.6 lbs); 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1600 N (12.5-19 kg / 27.6-41.9 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs); 2200 N (16-22 kg / 35.3-48.5 lbs)
Part number	A-431Q-Y.CD_X Z-QR-C.D quick release adapter plate VESA 75 Z-QR-G.D quick release adapter plate VESA 75/100

Fixings Y | details page 30 and 31



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



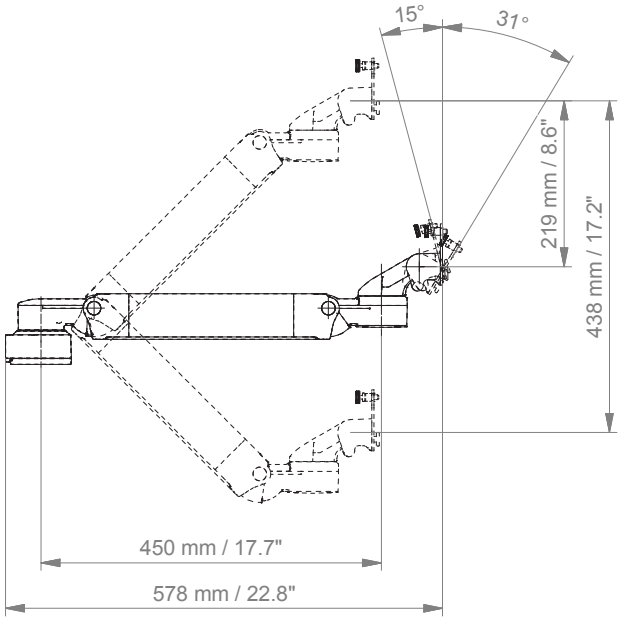
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Adapter for Löwenstein Medical anaesthesia machines

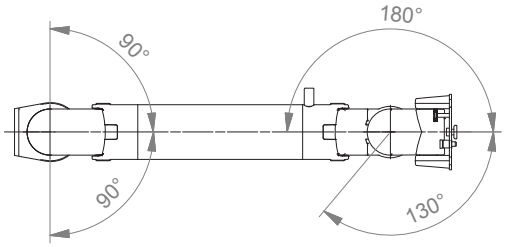
Height adjustable arm

Technical data

SIDE VIEW

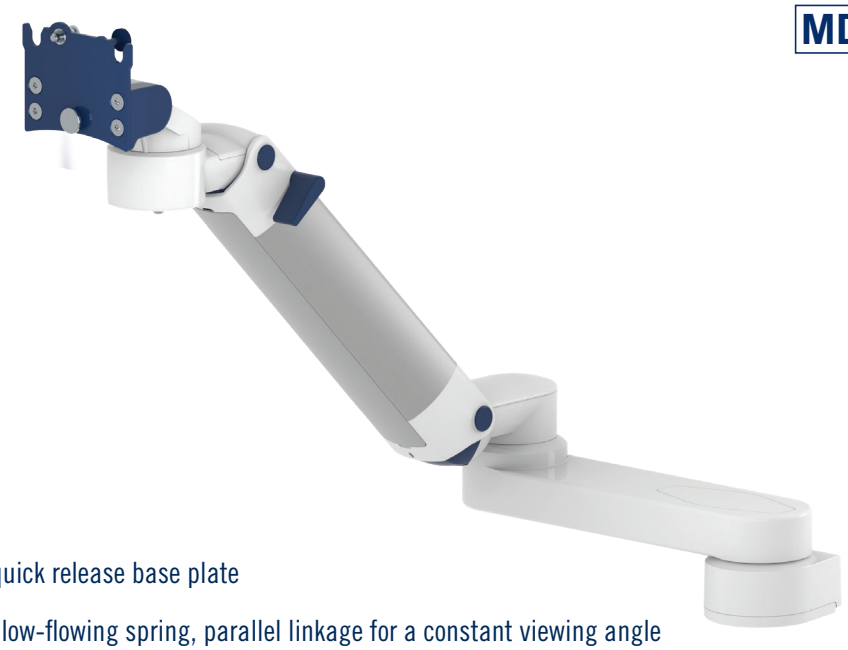


TOP VIEW



Extended height adjustable arm

MD



Monitor adaption	quick release base plate
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	22 kg / 48.5 lbs
Max. load monitor adaptation	18 kg / 39.7 lbs
Product weight	4.6 kg / 10.1 lbs
Balancing range	600 N (2-5 kg / 4.4-11 lbs); 950 N (4-9 kg / 8.8-19.8 lbs); 1100 N (4.5-12.5 kg / 9.9-27.6 lbs); 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1600 N (12.5-19 kg / 27.6-41.9 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs); 2200 N (16-22 kg / 35.3-48.5 lbs)
Part number	A-73130Q-Y.CD_X Z-QR-C.D quick release adapter plate VESA 75 Z-QR-G.D quick release adapter plate VESA 75/100

Fixings Y | details page 30 and 31



4S

Adapter for vertical wall channel



2F

Horizontal rail clamp



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



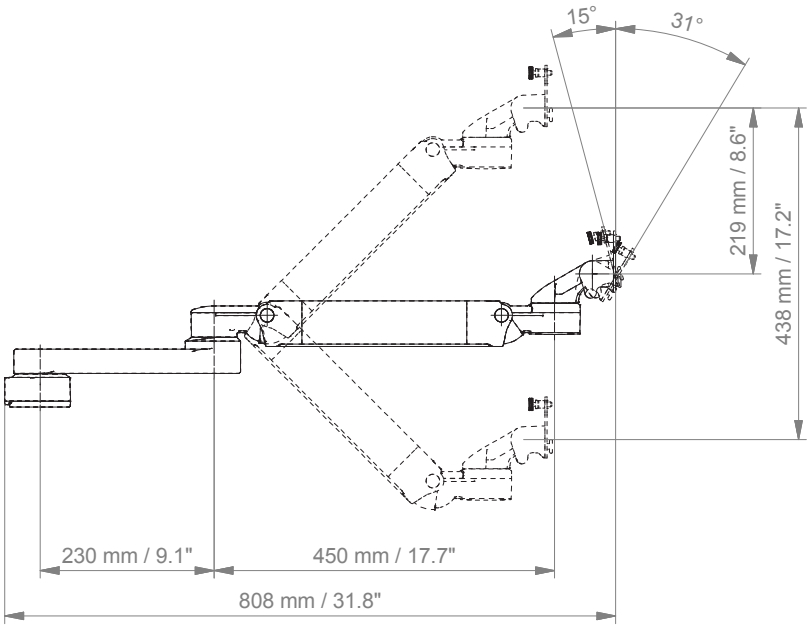
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Adapter for Löwenstein Medical anaesthesia machines

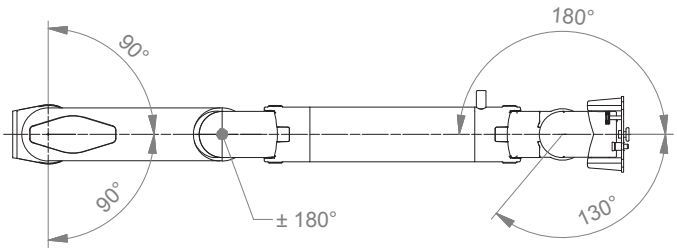
Extended height adjustable arm

Technical data

SIDE VIEW

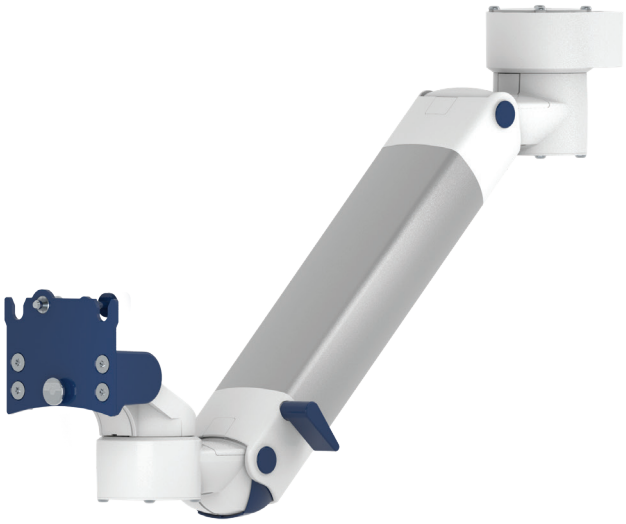


TOP VIEW



High position height adjustable arm

MD



Monitor adaption	quick release base plate
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	22 kg / 48.5 lbs
Max. load monitor adaptation	18 kg / 39.7 lbs
Product weight	4.0 kg / 8.8 lbs
Balancing range	600 N (2-5 kg / 4.4-11 lbs); 950 N (4-9 kg / 8.8-19.8 lbs); 1100 N (4.5-12.5 kg / 9.9-27.6 lbs); 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1600 N (12.5-19 kg / 27.6-41.9 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs); 2200 N (16-22 kg / 35.3-48.5 lbs)
Part number	A-531Q-Y.CD_X Z-QR-C.D quick release adapter plate VESA 75 Z-QR-G.D quick release adapter plate VESA 75/100

Fixings Y | details page 30



4S
Adapter for vertical wall channel



3
Vertical rail clamp



1V
Universal pole clamp



1
1B
1F
1C
Fixed pole clamp



13
Adapter for Mindray medical supply units

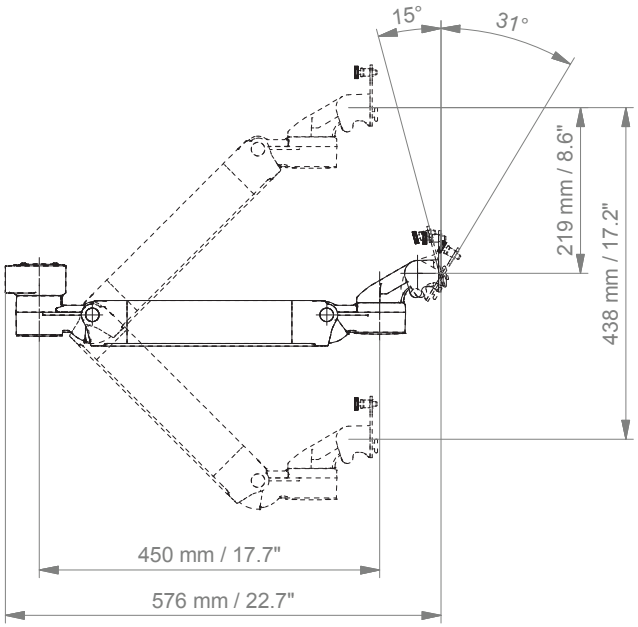


17
Adapter for Amico pendants & headwalls

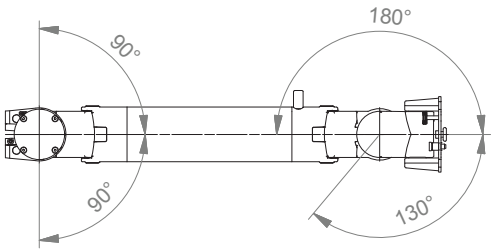
High position height adjustable arm

Technical data

SIDE VIEW

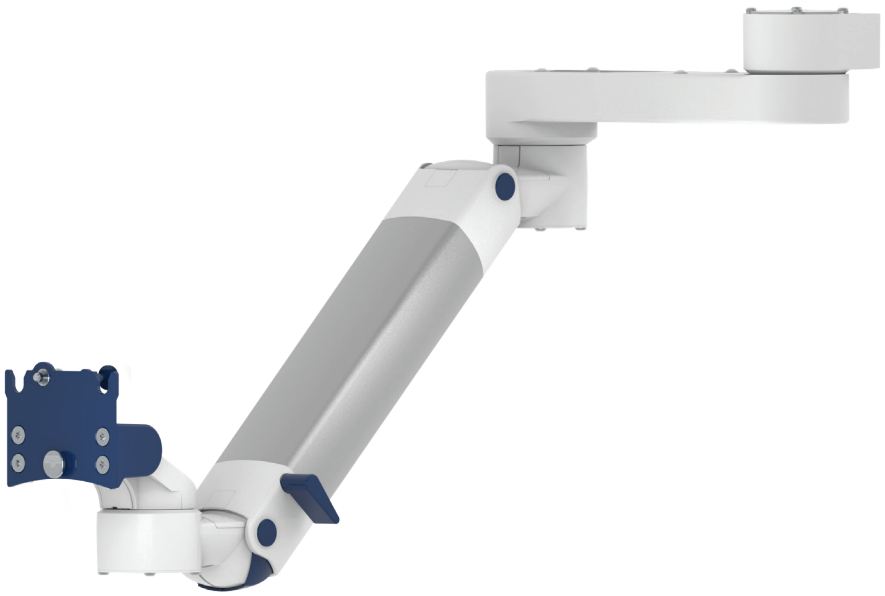


TOP VIEW



Extended high position height adjustable arm

MD



Monitor adaption	quick release base plate
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	22 kg / 48.5 lbs
Max. load monitor adaptation	18 kg / 39.7 lbs
Product weight	5.1 kg / 11.2 lbs
Balancing range	600 N (2-5 kg / 4.4-11 lbs); 950 N (4-9 kg / 8.8-19.8 lbs); 1100 N (4.5-12.5 kg / 9.9-27.6 lbs); 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1600 N (12.5-19 kg / 27.6-41.9 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs); 2200 N (16-22 kg / 35.3-48.5 lbs)
Part number	A-83130Q-Y.CD_X Z-QR-C.D quick release adapter plate VESA 75 Z-QR-G.D quick release adapter plate VESA 75/100

Fixings Y | details page 30



4S

Adapter for vertical wall channel



3

Vertical rail clamp



1V

Universal pole clamp



1
1B
1F
1C

Fixed pole clamp



13

Adapter for Mindray medical supply units



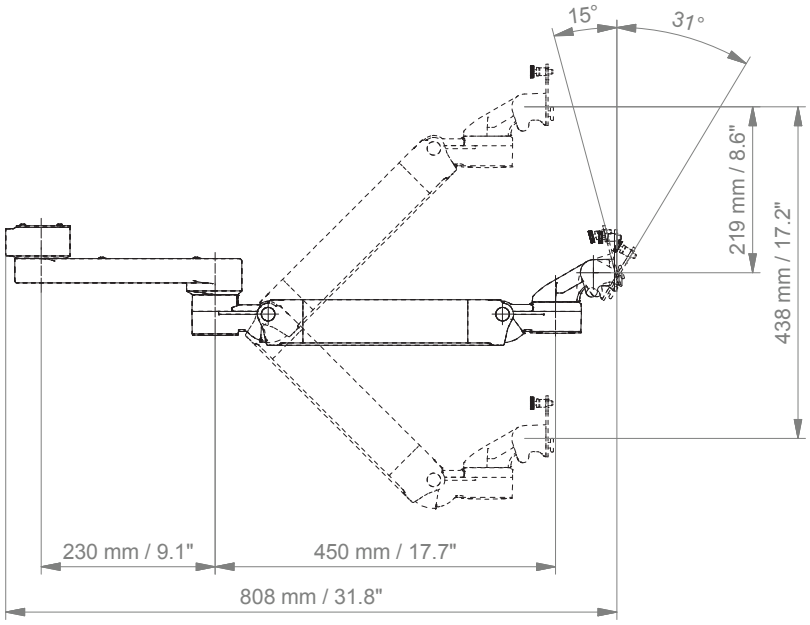
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Adapter for Amico pendants & headwalls

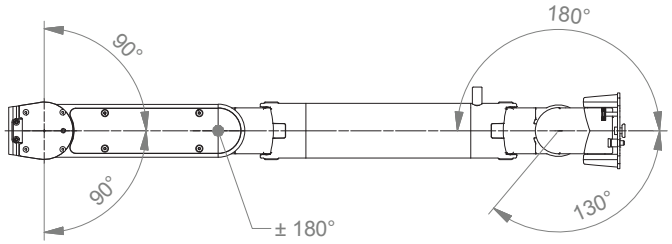
Extended high position height adjustable arm

Technical data

SIDE VIEW



TOP VIEW



Counter top

MD



Monitor adaption	quick release base plate	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load monitor adaptation	18 kg / 39.7 lbs	

Part number

Counter top with base plate to mount to desk or even surfaces

T-HQ-60.CD_220	height: 220 mm / 8.7”
T-HQ-60.CD_280	height: 280 mm / 11”
T-HQ-60.CD_340	height: 340 mm / 13.4”

Counter top free-standing (see illustration)

T-HQ-62.CD_220	height: 220 mm / 8.7”
T-HQ-62.CD_280	height: 280 mm / 11”
T-HQ-62.CD_340	height: 340 mm / 13.4”

Counter top without base plate

T-HQ-69.CD_220	height: 220 mm / 8.7”
T-HQ-69.CD_280	height: 280 mm / 11”
T-HQ-69.CD_340	height: 340 mm / 13.4”

Quick release adapter plate

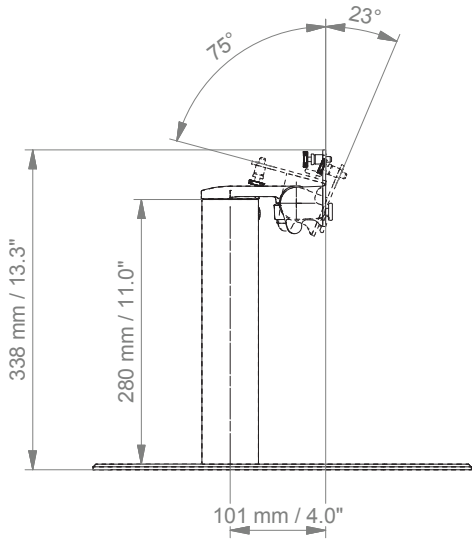
Z-QR-C.D	VESA 75
Z-QR-G.D	VESA 75/100

All free-standing counter tops have to be tip-tested for stability depending on the weight of the monitor!

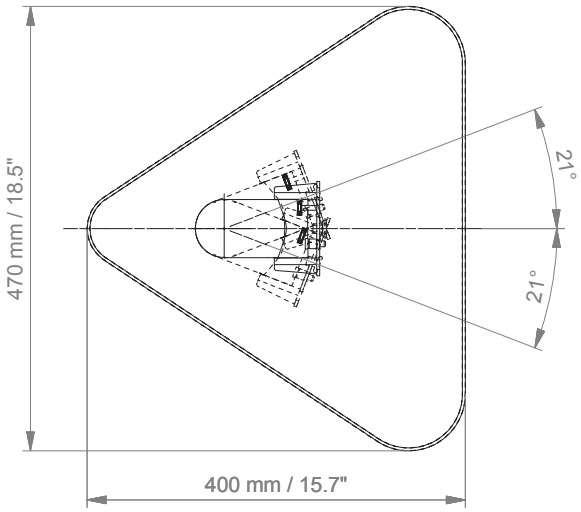
Counter top

Technical data – free-standing

SIDE VIEW



TOP VIEW



Counter top for deep monitors

MD



Monitor adaption	CL-bracket, quick release base plate
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load monitor adaptation	18 kg / 39.7 lbs
Part number	Counter top with base plate to mount to desk or even surfaces (see illustration) T-HKQ-60.CD_50

All free-standing counter tops have to be tip-tested for stability depending on the weight of the monitor!

Counter top free-standing
T-HKQ-62.CD_50

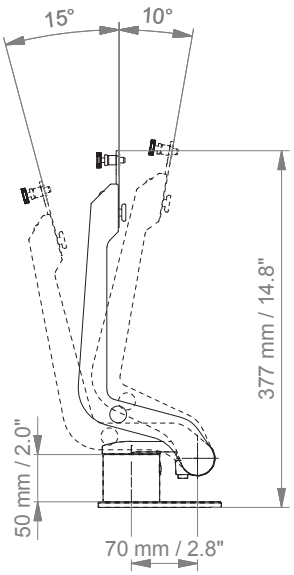
Quick release adapter plate

Z-QR-C.D	VESA 75
Z-QR-G.D	VESA 75/100

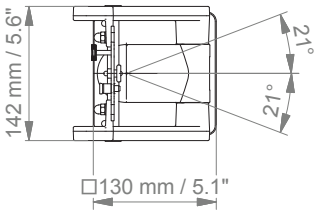
Counter top for deep monitors

Technical data – with base plate

SIDE VIEW



TOP VIEW



Cart light duty

MD

Example configuration

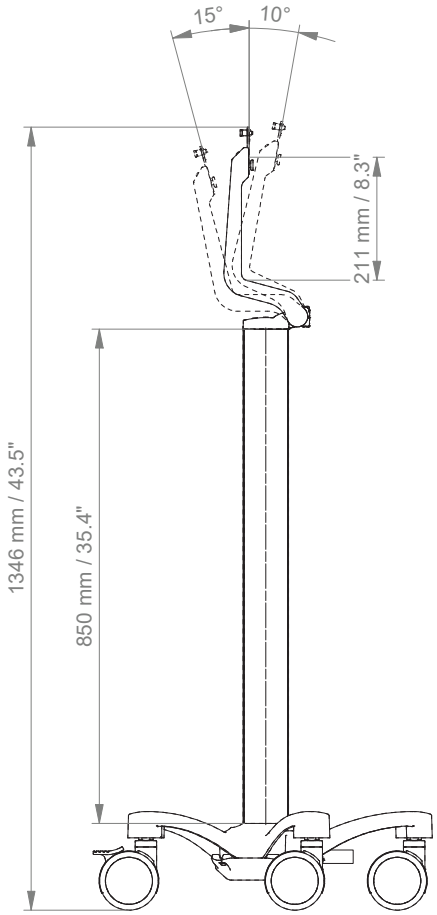


Monitor adaption	CL-bracket, quick release base plate
Accessories	5-star base aluminum base with counter weight double wheel castors, ø 100 mm/ 3.9”, 2 lockable column to accept components and accessories on opposite sides
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey base RAL 9016 traffic white handle RAL 9016 traffic white / RAL 5013 cobalt blue / RAL 7024 graphite grey
Max. load capacity	10 kg / 22 lbs
Optional accessories	basket big 300 x 200 x 180 mm / 11.8 x 7.9 x 7.1” basket small 200 x 150 x 100 mm / 7.9 x 5.9 x 3.9” handle
Part number	R-002KQ.CD cart Z-QR-C.D quick release adapter plate VESA 75 Z-QR-G.D quick release adapter plate VESA 75/100 Z-51-4Z.1 basket big Z-52-4Z.1 basket small Z-HD-4.C1 handle

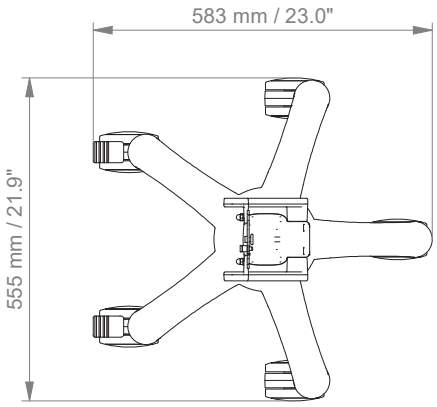
Cart light duty

Technical data

SIDE VIEW



TOP VIEW



Fixings

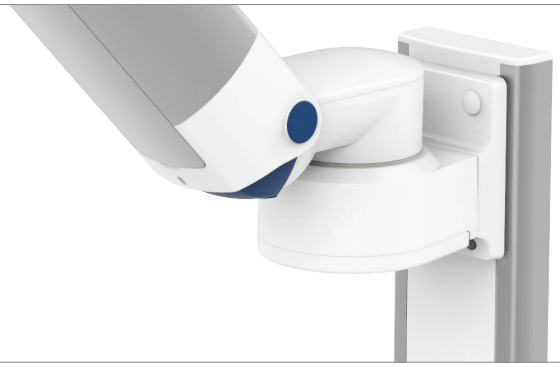


Illustration	Description	Notes	Weight	Part no.
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires	0.6 kg / 1.3 lbs	4S
	Horizontal rail clamp	To mount to horizontal European rails 10 x 25, 8 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
	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
	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

Fixings for anaesthesia machines



Illustration	Description	Notes	Weight	Part no.
	Adapter for Löwenstein Medical anaesthesia machines	Adapter for Leon / Leon plus	0.4 kg / 0.9 lbs	9
If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4S:				
	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”	 0.5 kg / 1.1 lbs 1.0 kg / 2.2 lbs	 DR-J01 DR-J02
	Adapter for GE 	GE Avance / Aespire / Aestiva side channel adapter L 200 mm / 7.9”	0.5 kg / 1.1 lbs	DX-AES-01

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VESA 75/ 100 Adaptation Quick Release_2023.02_EN

