VESA 75/100 Adaptation

CIM Cable Integrated Mounting System

Content

General notes

Monitor adaptations

VESA adaptations are available in various versions:
- Standard VESA 75/100
- VESA rotatable (portrait/ landscape applications)
- VESA quick release for easy disassembly - refer to catalogue
  VESA 75/100 with quick release

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:

910G / 910GS	=	flush mount
224G / 230G / 224GS / 230GS	=	support arm pivot
33030G / 33030GS	=	extended pivot arm light duty
H33030G / H33030GS	=	extended pivot arm heavy duty
431G / 431GS	=	height adjustable arm
73130G / 73130GS	=	extended height adjustable arm
531G / 531GS	=	high position height adjustable arm
83130G / 83130GS	=	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	-	431G	-	Y	.	CD	_	X
A	-	431G	-	4S	.	gr1	_	95

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

Flush mount
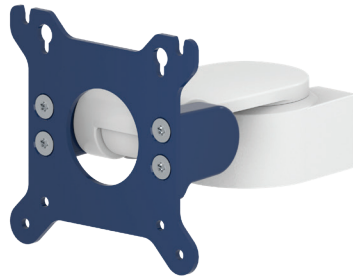
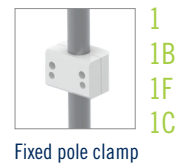| Monitor adaption	VESA 75/100	
Colours to choose	decorative parts	RAL 5013 cobalt blue / RAL 7024 graphite grey
	aluminum parts	RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	18 kg / 39.7 lbs	
Max. load monitor adaptation	18 kg / 39.7 lbs	
Product weight	1 kg / 2.2 lbs	VESA 75/100
	1.1 kg / 2.4 lbs	VESA 75/100 rotatable
Part number	S-910G-Y.CD	VESA 75/100
	S-910GS-Y.CD	VESA 75/100 rotatable

Fixings

Y | details page 31
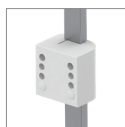

4S

Adapter for
vertical wall channel

2F

Horizontal rail clamp

3

Vertical rail clamp

1V

Universal pole clamp

1
1B
1F
1C

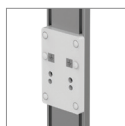Fixed pole clamp

13

Adapter for Mindray
medical supply units


17

Adapter for Amico
pendants & headwalls

Flush mount

Technical data

SIDE VIEW

90°   75°

101 mm / 4.0"

146 mm / 5.7"

TOP VIEW

105°

105°
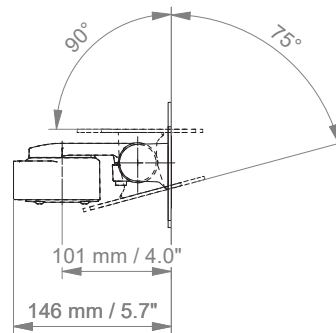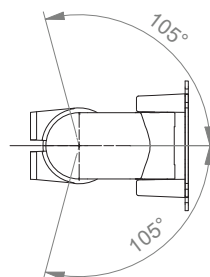
Support arm pivot

Monitor adaption	VESA 75/100		
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	arm type 300	
	1.8 kg / 4.0 lbs	1.9 kg / 4.2 lbs	VESA 75/100
	1.9 kg / 4.2 lbs	2.1 kg / 4.6 lbs	VESA 75/100 rotatable
Part number	arm type 240	arm type 300	
	A-224G-Y.CD	A-230G-Y.CD	VESA 75/100
	A-224GS-Y.CD	A-230GS-Y.CD	VESA 75/100 rotatable

Fixings   Y | details page 31 and 32

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	**9** Adapter for Löwenstein Medical anaesthesia machines

Support arm pivot
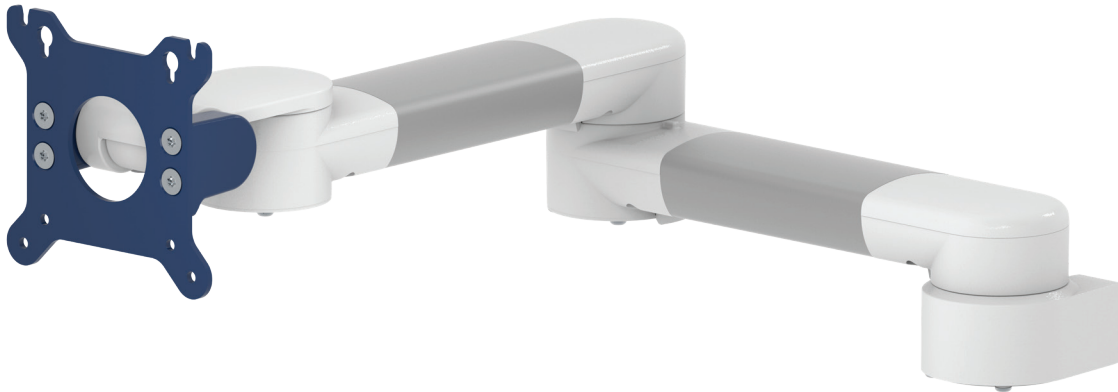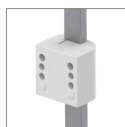
Technical data - arm type 300

SIDE VIEW

90°

75°

229 mm / 9.0"

375 mm / 14.8"

TOP VIEW

105°

115°

105°

115°
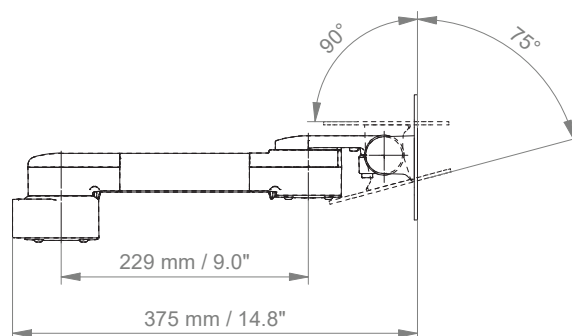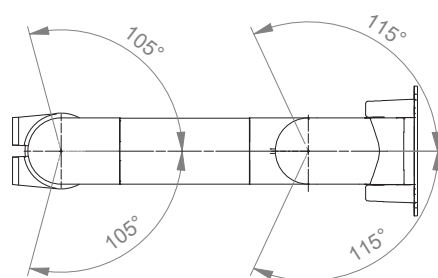
Extended pivot arm light duty

MD

Monitor adaption	VESA 75/100
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	2.9 kg / 6.4 lbs VESA 75/100
	3.0 kg / 6.6 lbs VESA 75/100 rotatable
Part number	A-33030G-Y.CD VESA 75/100
	A-33030GS-Y.CD VESA 75/100 rotatable

Fixings   Y | details page 31 and 32

4S	2F	3	1V	1 / 1B / 1F / 1C
Adapter for vertical wall channel	Horizontal rail clamp	Vertical rail clamp	Universal pole clamp	Fixed pole clamp

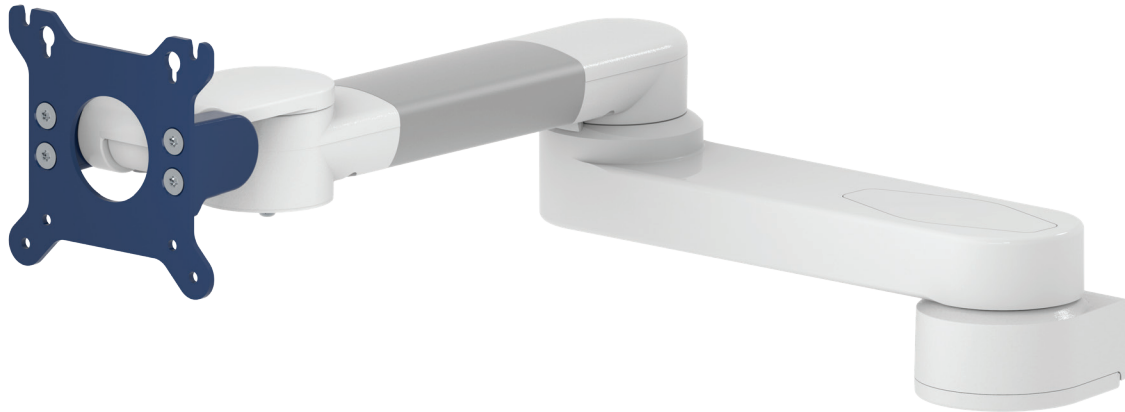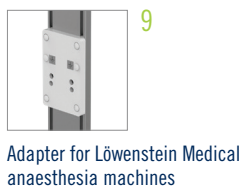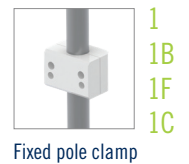|		
13	17	9
Adapter for Mindray medical supply units	Adapter for Amico pendants & headwalls	Adapter for Löwenstein Medical anaesthesia machines
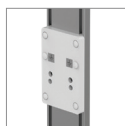
Extended pivot arm light duty

Technical data

SIDE VIEW

90° 75°

229 mm / 9.2"   229 mm / 9.2"

604 mm / 23.8"

TOP VIEW

105°   165°   115°

105°   165°   115°
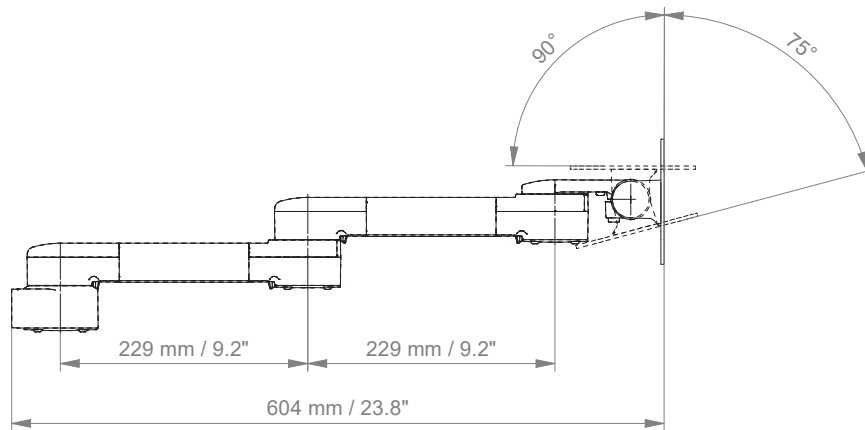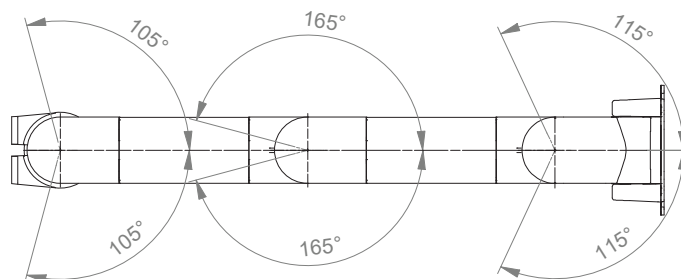
Extended pivot arm heavy duty

MD

Monitor adaption	VESA 75/100	
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	3.1 kg / 6.8 lbs	VESA 75/100
	3.2 kg / 7.1 lbs	VESA 75/100 rotatable
Part number	A-H33030G-Y.CD	VESA 75/100
	A-H33030GS-Y.CD	VESA 75/100 rotatable

Fixings   Y | details page 31 and 32

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

9
Adapter for Löwenstein Medical
anaesthesia machines

Extended pivot arm heavy duty

Technical data

SIDE VIEW

90° 75°

230 mm / 9.1"   229 mm / 9.0"

607 mm / 23.9"

TOP VIEW

90°   115°

90°   ±180°   115°
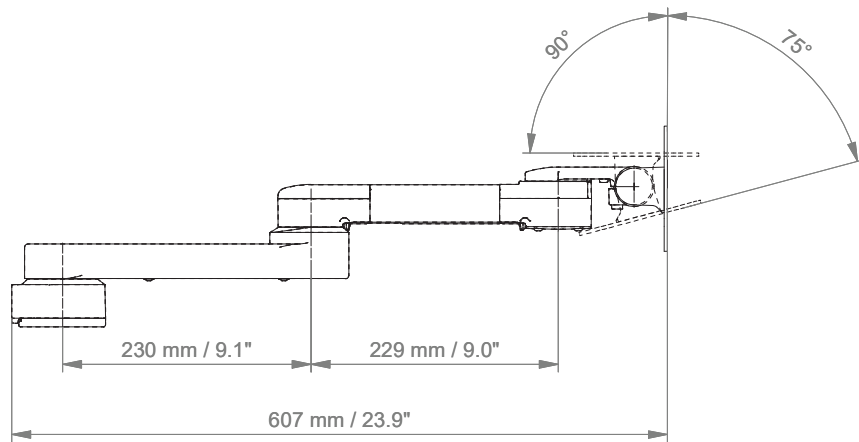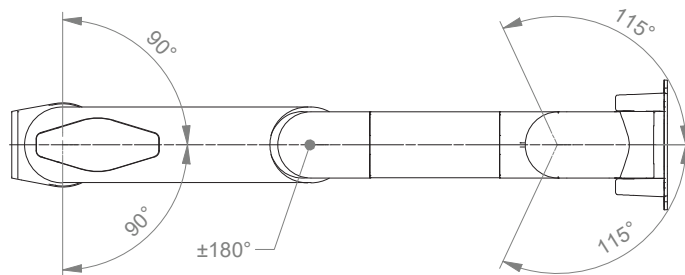
Height adjustable arm

MD

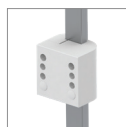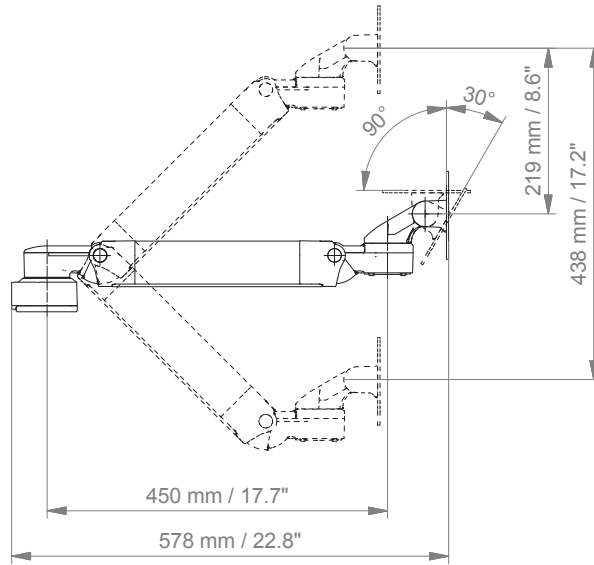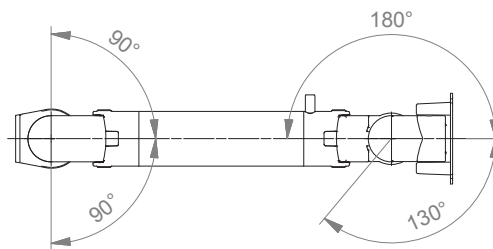|	
Monitor adaption	VESA 75/100
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey aluminum parts RAL 9016 traffic white / RAL 9002 grey white
Max. load capacity support arm	22 kg / 48.5 lbs
Max. load monitor adaptation	18 kg / 39.7 lbs
Product weight	3.8 kg / 8.4 lbs VESA 75/100 3.9 kg / 8.6 lbs VESA 75/100 rotatable
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-431G-Y.CD_X VESA 75/100 A-431GS-Y.CD_X VESA 75/100 rotatable

Fixings

Y | details page 31 and 32

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
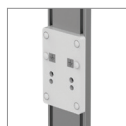
9
Adapter for Löwenstein Medical
anaesthesia machines

Height adjustable arm

Technical data

90°
30°
219 mm / 8.6"
438 mm / 17.2"
450 mm / 17.7"
578 mm / 22.8"

90°
90°
180°
130°

Extended height adjustable arm

Monitor adaption	VESA 75/100	
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	4.8 kg / 10.6 lbs	VESA 75/100
	4.9 kg / 10.8 lbs	VESA 75/100 rotatable

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-73130G-Y.CD_X	VESA 75/100
	A-73130GS-Y.CD_X	VESA 75/100 rotatable

Fixings Y | details page 31 and 32

4S	2F	3	1V	1 / 1B / 1F / 1C
Adapter for vertical wall channel	Horizontal rail clamp	Vertical rail clamp	Universal pole clamp	Fixed pole clamp
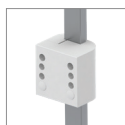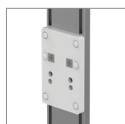
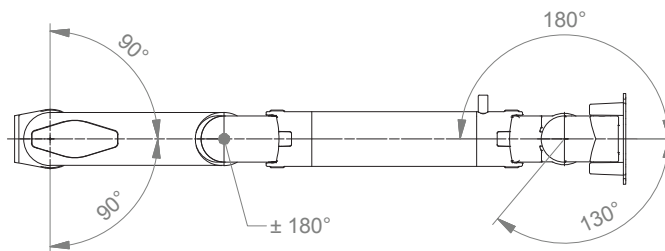|		
13	17	9
Adapter for Mindray medical supply units	Adapter for Amico pendants & headwalls	Adapter for Löwenstein Medical anaesthesia machines

Extended height adjustable arm
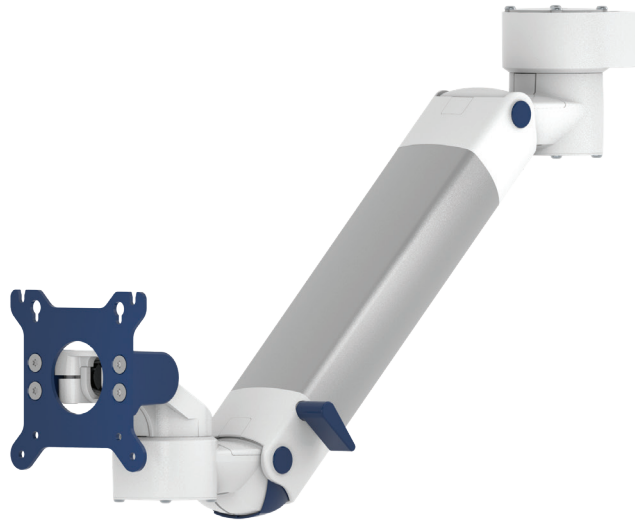
Technical data

SIDE VIEW

90°
30°
219 mm / 8.6"
438 mm / 17.2"
230 mm / 9.1"
450 mm / 17.7"
808 mm / 31.8"

TOP VIEW

90°
90°
± 180°
180°
130°

High position height adjustable arm

Monitor adaption	VESA 75/100
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	4.1 kg / 9.0 lbs VESA 75/100 4.3 kg / 9.5 lbs VESA 75/100 rotatable

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-531G-Y.CD_X   VESA 75/100
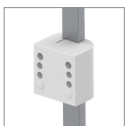A-531GS-Y.CD_X   VESA 75/100 rotatable

Fixings

Y | details page 31

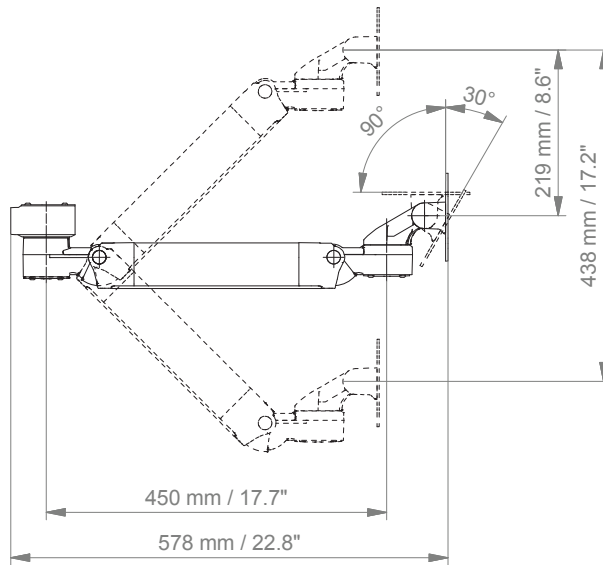| 4S	3	1V	1 1B 1F 1C	13	17
Adapter for vertical wall channel	Vertical rail clamp	Universal pole clamp	Fixed pole clamp	Adapter for Mindray medical supply units	Adapter for Amico pendants & headwalls

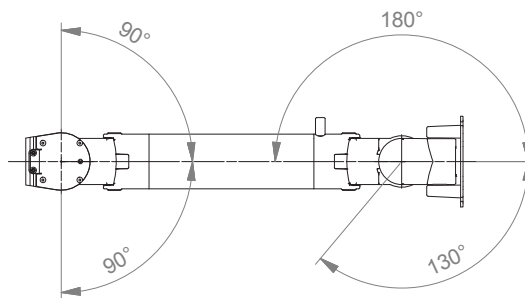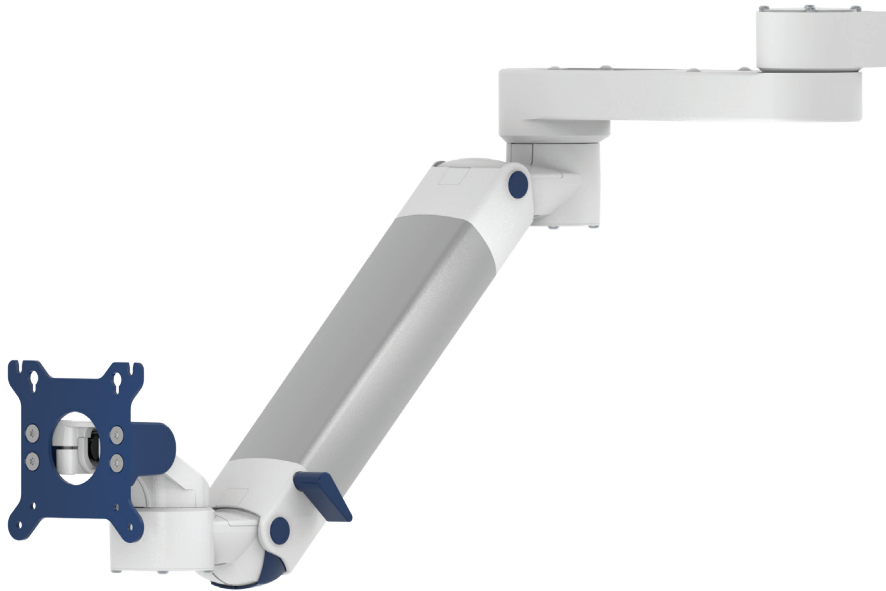# High position height adjustable arm

Technical data

SIDE VIEW

90°
30°
219 mm / 8.6"
438 mm / 17.2"
450 mm / 17.7"
578 mm / 22.8"

TOP VIEW

90°
180°
90°
130°

Extended high position height adjustable arm

Monitor adaption	VESA 75/100
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	5.3 kg / 11.7 lbs	VESA 75/100
	5.4 kg / 11.9 lbs	VESA 75/100 rotatable

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-83130G-Y.CD_X	VESA 75/100
	A-83130GS-Y.CD_X	VESA 75/100 rotatable

Fixings

Y | details page 31
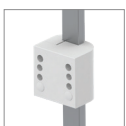
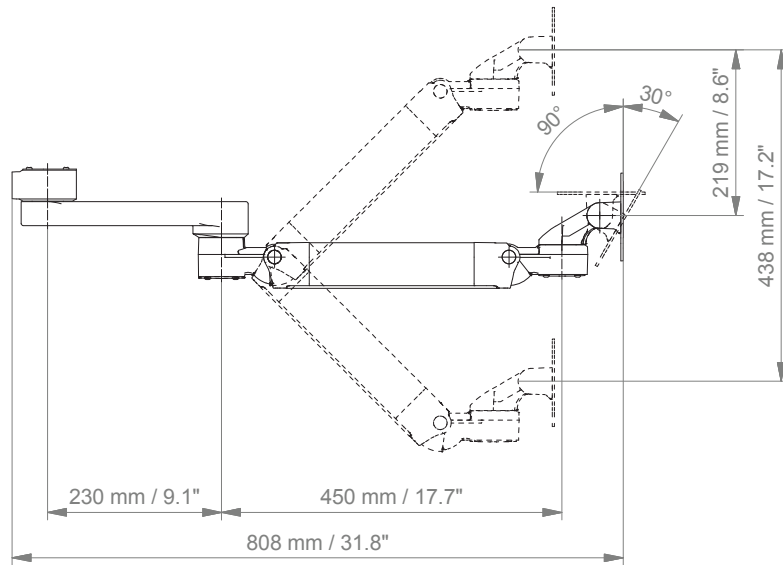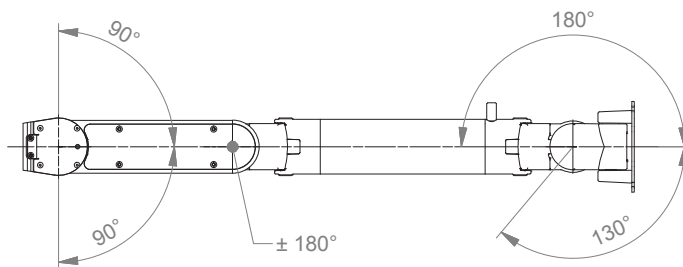| 4S	3	1V	1 1B 1F 1C	13	17
Adapter for vertical wall channel	Vertical rail clamp	Universal pole clamp	Fixed pole clamp	Adapter for Mindray medical supply units	Adapter for Amico pendants & headwalls

Extended high position height adjustable arm

Technical data

SIDE VIEW

30°

90°

219 mm / 8.6"

438 mm / 17.2"

230 mm / 9.1"

450 mm / 17.7"

808 mm / 31.8"

TOP VIEW

90°

90°

180°

± 180°

130°

Counter top

Monitor adaption   VESA 75/100

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-HG-60.CD_220   height 220 mm / 8.7"
                                T-HG-60.CD_280   height 280 mm / 11"
                                T-HG-60.CD_340   height 340 mm / 13.4"

                                Counter top free-standing (see illustration)
                                T-HG-62.CD_220   height 220 mm / 8.7"
                                T-HG-62.CD_280   height 280 mm / 11"
                                T-HG-62.CD_340   height 340 mm / 13.4"

                                Counter top without base plate
                                T-HG-69.CD_220   height 220 mm / 8.7"
                                T-HG-69.CD_280   height 280 mm / 11"
                                T-HG-69.CD_340   height 340 mm / 13.4"

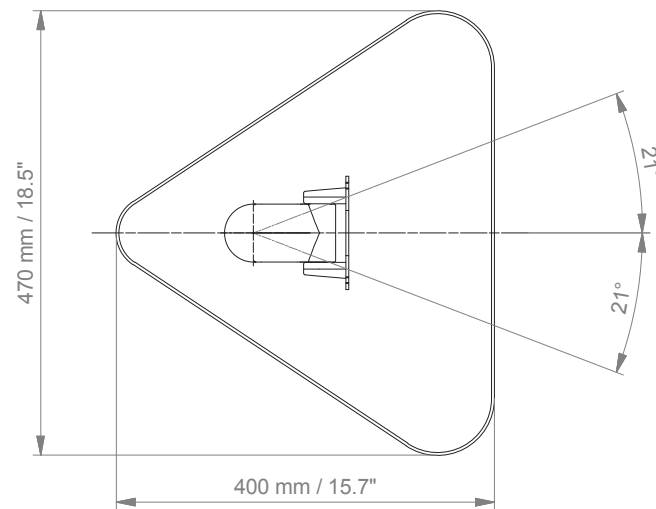**!** All free-standing counter tops have to be tip-tested for stability depending on the weight of the monitor!

Counter top

Technical data - free standing

SIDE VIEW

102°   23°

398 mm / 15.7"
340 mm / 13.4"

101 mm / 4"

TOP VIEW

21°
21°

470 mm / 18.5"

400 mm / 15.7"
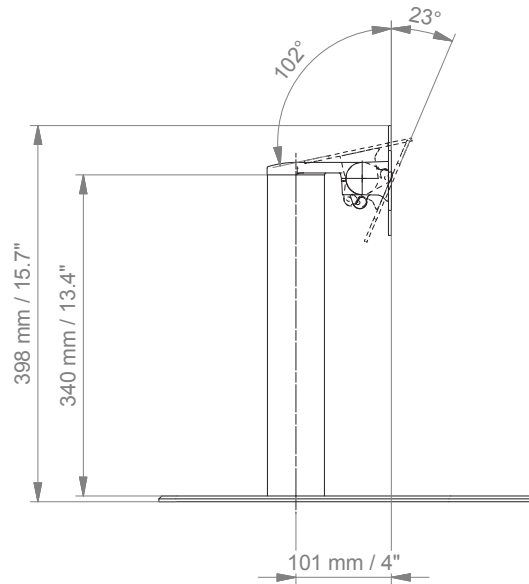
Counter top for deep monitors

MD

Monitor adaption	CL-bracket, VESA 75/100

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-HK-60.CD_50

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

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

Counter top for deep monitors

Technical data - with base plate

SIDE VIEW
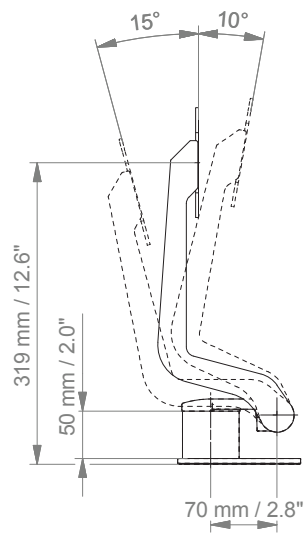
TOP VIEW
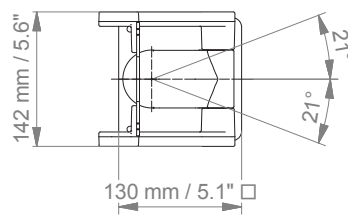
Cart light duty

Example configuration

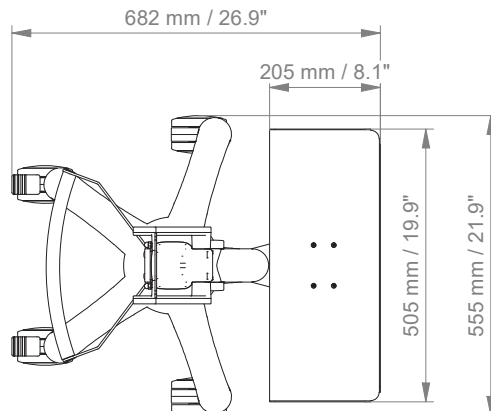|	
Monitor adaption	CL-bracket, VESA 75/100
Accessories	5-star base aluminum base with counter weight double wheel castors, ø 100 mm / 3.9", 2 lockable column to accept components and accessories on opposite sides
Colours to choose	decorative parts RAL 5013 blue / RAL 7024 graphite grey base RAL 9016 pure white handle RAL 9016 pure white / RAL 5013 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	cart R-002K.CD basket big Z-51-4Z.1 basket small Z-52-4Z.1 handle Z-HD-4.C1

Cart light duty

Technical data

SIDE VIEW

15° 10°

204 mm / 8.0"

1346 mm / 53.0"

850 mm / 33.5"

TOP VIEW

583 mm / 22.9"

555 mm / 21.9"
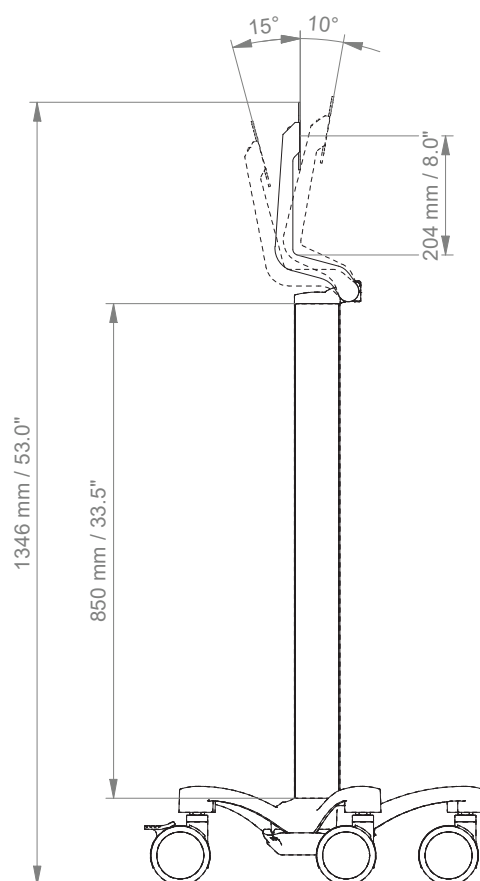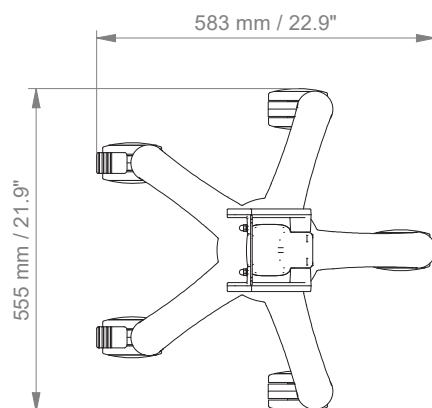
Cart light duty kit I

MD

Kit configuration
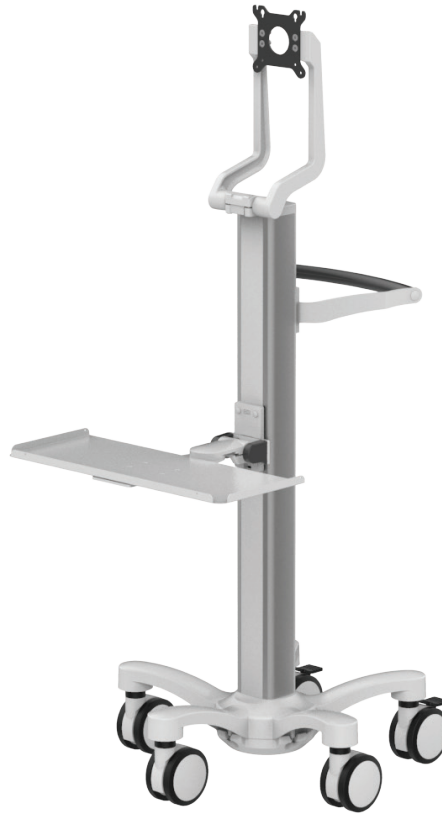
Monitor adaption	CL-bracket, VESA 75/100
Cart light duty	5-star base aluminum base with counter weight double wheel castors, ø 100 mm / 3.9", 2 lockable column to accept components and accessories on opposite sides
Colours	decorative parts RAL 5013 cobalt blue base RAL 9016 traffic white handle RAL 7024 graphite grey
Max. load monitor adaptation	10 kg / 22 lbs
Max. load keyboard tray	1 kg / 2.2 lbs
Kit number	**R-002K.gr1_286490**

Consisting of the following parts:

R-002K.gr1	cart light duty
Z-HD-4.gr1	handle for carts
Z-EF-4V.gr1_50S	keyboard tray magnetic with fold-up function 500 x 200 mm/ 19.7 x 7.9"

Cart light duty kit I

Technical data

SIDE VIEW

15° 10°

1346 mm / 53.0"

849 mm / 33.4"

850 mm / 33.5"

600 mm / 23.6"

TOP VIEW

682 mm / 26.9"

205 mm / 8.1"

505 mm / 19.9"

555 mm / 21.9"
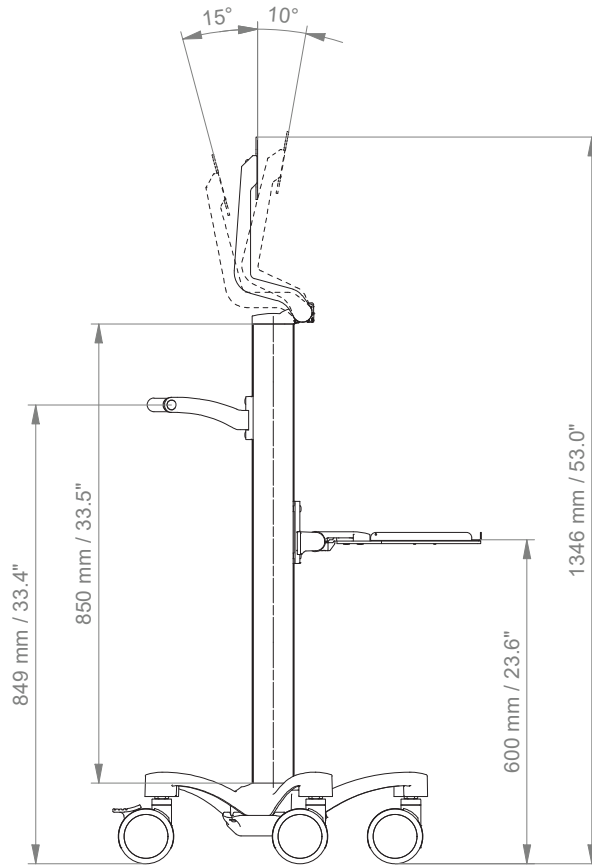
Fixings

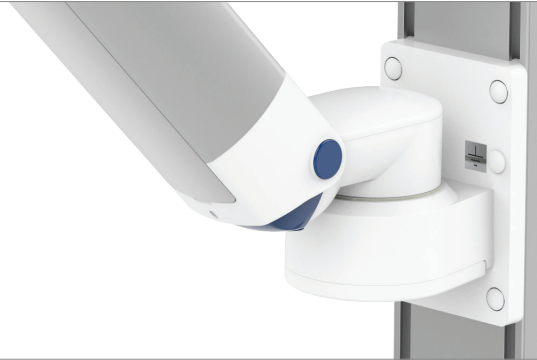| Illustration	Description	Notes	Weight	Part no.
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires	0.6 kg / 1.3 lbs	4S
	Horizontal rail clamp	To mount to horizontal European rails 10 x 25,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