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General notes

Mounting adapter (quick release)
The monitor adaption is prepared to accept the mounting adapter from Mindray and is suitable for the following Mindray monitors: BeneVision series: N12, iMEC, uMEC, iPM, ePM and BeneView series: T5, T8, T9.

Please note that the mounting adapter (quick release) has to be ordered separately from Mindray. For descriptions and part numbers, please refer to catalogue: Monitor-specific mounting adapter Mindray.

5" Plunge plate
Please see mounting reference guide: 5" plunge plate adaption.
The 5" plunge plate is suitable for the following Mindray monitors: BeneVision series: N12, iMEC, uMEC, iPM, ePM, BeneView series: T5, T8, T9 and VS series VS-600, VS-900.

Please note that the mounting adapter has to be ordered separately from Mindray or CIM med®. For descriptions and part numbers, please refer to catalogue: Monitor-specific mounting adapter Mindray.

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 EN 60601-1, 3rd Edition regulations.

Custom-designed solutions and MRI applications
Please contact us for custom-designed solutions.

Product marking
All CIM products are CE marked. As medical product risk class 1 and they conform with the regulations MDD 93/42 ECC and EN 60601-1, 3rd Edition. TUEV reports for numerous products especially for anaesthesia applications guarantee electrical and mechanical safety of our products and are available upon request.
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:
   A = grounded

2. Choose the arm version required:
   224MD / 230MD = support arm pivot
   33030MD = extended pivot arm light duty
   H33030MD = extended pivot arm heavy duty
   431MD = height adjustable arm
   73130MD = extended height adjustable arm
   531MD = high position height adjustable arm
   83130MD = 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”
   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
   3DR = dual vertical rails, distance 150 mm / 5.9”
   3TX = dual vertical rails, distance 225 mm / 8.9”
   4V = vertical wall channel
   4U = vertical wall channel for arms with high mounting position
   13 = Mindray medical supply units
   17 = Amico pendants & headwalls
   9 = Löwenstein Medical anaesthesia machine
   4K = anaesthesia machine with existing channel
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
   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

<table>
<thead>
<tr>
<th>01 Grounding</th>
<th>02 Arm version</th>
<th>03 Fixing</th>
<th>04 &amp; 05 Colour</th>
<th>06 Spring tension</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>-</td>
<td>Y</td>
<td>CD</td>
<td>_</td>
</tr>
<tr>
<td>A</td>
<td>-</td>
<td>4V</td>
<td>gr1</td>
<td>_</td>
</tr>
</tbody>
</table>

|          |                |           |                | X                 |
|          |                |           |                | 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.
## Support arm pivot

### Monitor adaption
- prepared to accept Mindray mounting adapter

### 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
- 240 mm / 9.5": 1.7 kg / 3.7 lbs
- 300 mm / 11.8": 1.8 kg / 4.0 lbs

### Product weight
- 18 kg / 39.7 lbs
- 18 kg / 39.7 lbs
- 240 mm / 9.5": 1.7 kg / 3.7 lbs
- 300 mm / 11.8": 1.8 kg / 4.0 lbs

### Part number
- arm length 240 mm / 9.5" : A-224MD-Y.CD
- arm length 300 mm / 11.8": A-230MD-Y.CD

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### Fixings

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4V</td>
<td>Adapter for vertical wall channel</td>
</tr>
<tr>
<td>2F</td>
<td>Fixed rail clamp</td>
</tr>
<tr>
<td>3</td>
<td>Vertical rail clamp</td>
</tr>
<tr>
<td>3DR 3TX</td>
<td>Dual vertical rail clamp</td>
</tr>
<tr>
<td>1 1F 1C 1V</td>
<td>Fixed / universal pole clamp</td>
</tr>
<tr>
<td>13</td>
<td>Adapter for Mindray medical supply units</td>
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<tr>
<td>17</td>
<td>Adapter for Amico pendants &amp; headwalls</td>
</tr>
<tr>
<td>9</td>
<td>Adapter for Löwenstein Medical anaesthesia machines</td>
</tr>
<tr>
<td>4K</td>
<td>Adapter for anaesthesia machines with existing side channel</td>
</tr>
</tbody>
</table>
Support arm pivot

Technical data - arm length 300 mm / 11.8"

SIDE VIEW

TOP VIEW
Extended pivot arm light duty

Monitor adaption
- prepared to accept Mindray mounting adapter

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
2.8 kg / 6.2 lbs

Part number
A-33030MD-Y.CD

Fixings

13
- Adapter for Mindray medical supply units

17
- Adapter for Amico pendants & headwalls

9
- Adapter for Löwenstein Medical anaesthesia machines

4K
- Adapter for anaesthesia machines with existing side channel

2F
- Fixed rail clamp

3
- Vertical rail clamp

3DR
- Dual vertical rail clamp

1F
- Fixed / universal pole clamp

4V
- Adapter for vertical wall channel

1C
- Adapter for Amico pendants & headwalls

3TX
- Dual vertical rail clamp

Y
- details page 25 and 26

CIM-MED.COM
Extended pivot arm light duty

Technical data

SIDE VIEW

TOP VIEW
**Extended pivot arm heavy duty**

Monitor adaption: prepared to accept Mindray mounting adapter.

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 kg / 6.6 lbs
Part number: A-H33030MD-Y.CD

**Fixings**

- 4V: Adapter for vertical wall channel
- 2F: Fixed rail clamp
- 3: Vertical rail clamp
- 3DR 3TX: Dual vertical rail clamp
- 1F 1C 1V: Fixed / universal pole clamp
- 13: Adapter for Mindray medical supply units
- 17: Adapter for Amico pendants & headwalls
- 9: Adapter for Löwenstein Medical anaesthesia machines
- 4K: Adapter for anaesthesia machines with existing side channel

Y | details page 25 and 26
Extended pivot arm heavy duty

Technical data

SIDE VIEW

TOP VIEW
Height adjustable arm

Monitor adaption
prepared to accept Mindray mounting adapter

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
22 kg / 48.5 lbs

Product weight
3.3 kg / 7.3 lbs

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)

Part number
A-431MD-Y.CD_X

Fixings

4V
Adapter for vertical wall channel

2F
Fixed rail clamp

3
Vertical rail clamp

3DR 3TX
Dual vertical rail clamp

1
1F 1C 1V
Fixed / universal pole clamp

13
Adapter for Mindray medical supply units

17
Adapter for Amico pendants & headwalls

9
Adapter for Löwenstein Medical anaesthesia machines

4K
Adapter for anaesthesia machines with existing side channel

Y | details page 25 and 26
Height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
Extended height adjustable arm

Monitor adaption
prepared to accept Mindray mounting adapter

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
22 kg / 48.5 lbs
Product weight
4.7 kg / 10.4 lbs

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)

Part number
A-73130MD-Y.CD_X

Fixings

4V
Adapter for vertical wall channel

2F
Fixed rail clamp

3
Vertical rail clamp

3DR
Dual vertical rail clamp

1
Fixed / universal pole clamp

1F
1C
1V

13
Adapter for Mindray medical supply units

17
Adapter for Amico pendants & headwalls

9
Adapter for Löwenstein Medical anaesthesia machines

4K
Adapter for anaesthesia machines with existing side channel
Extended height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
High position height adjustable arm

Monitor adaption: prepared to accept Mindray mounting adapter
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: 22 kg / 48.5 lbs
Product weight: 3.8 kg / 8.4 lbs
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)
Part number: A-531MD-YCD_X

Fixings:
- 4U: Adapter for vertical wall channel
- 3: Vertical rail clamp
- 3DR: Dual vertical rail clamp
- 1F: Fixed / universal pole clamp
- 1C: Adapter for Mindray medical supply units
- 17: Adapter for Amico pendants & headwalls
High position height adjustable arm

Technical data
Extended high position height adjustable arm

Monitor adaption
prepared to accept Mindray mounting adapter

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
22 kg / 48.5 lbs

Product weight
5.2 kg / 11.5 lbs

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)

Part number
A-83130MD-Y.CD_X

Fixings

4U
Adapter for vertical wall channel

3
Vertical rail clamp

3DR
Dual vertical rail clamp

1F
Fixed / universal pole clamp

1C
Adapter for Mindray medical supply units

17
Adapter for Amico pendants & headwalls
Extended high position height adjustable arm

Technical data

SIDE VIEW

230 mm / 9.1"
450 mm / 17.7"
799 mm / 31.5"

TOP VIEW

90°
180°
± 180°
Counter top

Monitor adaption
prepared to accept Mindray mounting adapter

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 (see illustration)
  - T-HMD-60.CD_50 height 50 mm / 2”
  - T-HMD-60.CD_120 height 120 mm / 4.7”
- Counter top without base plate
  - T-HMD-69.CD_50 height 50 mm / 2”
  - T-HMD-69.CD_120 height 120 mm / 4.7”
Counter top

Technical data - with base plate

SIDE VIEW

TOP VIEW
Cart light duty

Monitor adaption
prepared to accept Mindray mounting adapter

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 / RAL 5013 cobalt blue
handle     RAL 9016 traffic white / RAL 5013 cobalt blue / RAL 7024 graphite grey

Max. load capacity
14 kg / 30.9 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-002MD.CD
basket big   Z-51-4Z
basket small Z-52-4Z
handle      Z-HD-4.C1
Cart light duty

Technical data

SIDE VIEW

TOP VIEW
## Fixings

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Description</th>
<th>Notes</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Adapter for vertical wall channel" /></td>
<td>Adapter for vertical wall channel</td>
<td>To mount to CIM wall channel (compatible with GCX channel) For arms with high mounting positions Please order separately: CIM wall channel, see catalogue accessoires</td>
<td>4V 4U</td>
</tr>
<tr>
<td><img src="image" alt="Fixed rail clamp" /></td>
<td>Fixed rail clamp</td>
<td>To mount to horizontal European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm</td>
<td>2F</td>
</tr>
<tr>
<td><img src="image" alt="Vertical rail clamp" /></td>
<td>Vertical rail clamp</td>
<td>To mount to vertical European rail 10 x 25 mm</td>
<td>3</td>
</tr>
<tr>
<td><img src="image" alt="Dual vertical rail clamp" /></td>
<td>Dual vertical rail clamp</td>
<td>To mount to two parallel vertical European rails 10 x 50 mm Distance between rails 150 mm / 5.9”, e.g. Dräger pendant Distance between rails 225 mm / 8.9”, e.g. Trilux pendant</td>
<td>3DR 3TX</td>
</tr>
<tr>
<td><img src="image" alt="Fixed pole clamp" /></td>
<td>Fixed pole clamp</td>
<td>To mount to pole ø 25 mm / 1.0” To mount to pole ø 35 mm / 1.4” To mount to pole ø 38 mm / 1.5”</td>
<td>1 1F 1C</td>
</tr>
<tr>
<td><img src="image" alt="Universal pole clamp" /></td>
<td>Universal pole clamp</td>
<td>V-block to mount to pole ø 23 - 40 mm / 0.9 - 1.6”</td>
<td>1V</td>
</tr>
<tr>
<td><img src="image" alt="Adapter medical supply units" /></td>
<td>Adapter medical supply units</td>
<td>For Mindray medical supply units</td>
<td>13</td>
</tr>
<tr>
<td><img src="image" alt="Adapter pendants &amp; headwalls" /></td>
<td>Adapter pendants &amp; headwalls</td>
<td>For Amico pendants &amp; headwalls</td>
<td>17</td>
</tr>
</tbody>
</table>
# Fixings for anaesthesia machines

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Description</th>
<th>Notes</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Adapter" /></td>
<td>Adapter for Löwenstein Medical anaesthesia machines</td>
<td>Adapter for Leon / Leon plus</td>
<td>9</td>
</tr>
<tr>
<td><img src="image2.png" alt="Adapter" /></td>
<td>Adapter for anaesthesia machines (all suppliers)</td>
<td>H 80 mm / 3.1” With existing side channel</td>
<td>4K</td>
</tr>
</tbody>
</table>

If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K:

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Description</th>
<th>Notes</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Adapter" /></td>
<td>Adapter for Dräger Dräger Primus / Julian / Cato / Fabius GS / Zeus side channel adapter</td>
<td>L 127 mm / 5” side channel adapter L 320 mm / 12.6”</td>
<td>DR-J01 DR-J02</td>
</tr>
<tr>
<td><img src="image4.png" alt="Adapter" /></td>
<td>Adapter for GE GE Avance / Aespire / Aestiva side channel adapter</td>
<td>L 200 mm / 7.9”</td>
<td>DX-AES-01</td>
</tr>
</tbody>
</table>