MOUNTING REFERENCE GUIDE

Mindray Monitoring Elo Touch

CIM Cable Integrated Mounting System
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</table>
Monitor Adaptations
Back mounted adaptation for Mindray Elo Touch monitors.

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:
   - **S** = not grounded
   - **A** = grounded

2. Choose the arm version required:
   - **910G5** = flush mount
   - **224G5 / 230G5** = support arm pivot
   - **33030G5** = extended pivot arm light duty
   - **431G5** = height adjustable arm
   - **73130G5** = extended height adjustable arm
   - **531G5** = high position height adjustable arm
   - **83130G5** = 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 anaestesia machine
   - **4K** = anaestesia machine with existing channel
How to create part numbers

4. Choose the colour requested for decorative parts (C):
   - gr = RAL 7024 (dark grey)
   - bl = RAL 5013 (blue)

5. Choose the colour requested for the aluminium die-cast parts (D):
   - 1 = RAL 9016 (pure white)
   - 2 = RAL 9002 (grey white)

6. Specify the spring depending on the weight of your monitor/ device - only with height adjustable arms (X):
   - 95 = 4 - 9 kg / 8.8 - 19.8 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>- 431G5</td>
<td>- Y</td>
<td>. CD</td>
<td>_ X</td>
</tr>
<tr>
<td>A</td>
<td>- 431G5</td>
<td>- 4V</td>
<td>. gr1</td>
<td>_ 95</td>
</tr>
</tbody>
</table>
**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.
Flush mount

Monitor adaption
Elo Touch adaptation

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

Part number
S-910G5-Y.CD

Fixings

4V
Adapter for vertical wall channel

2F
Fixed rail clamp

3
Vertical rail clamp

3DR
Dual vertical rail clamp

1F
Fixed / universal pole clamp

1C
Adapter for Amico pendants & headwalls

17
Adapter for Mindray medical supply units
Flush mount

Technical data

SIDE VIEW

TOP VIEW
Support arm pivot

Monitor adaption
Elo Touch adaptation

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 length 240 mm / 9.5": 1.9 kg / 4.2 lbs
- arm length 300 mm / 11.8": 2 kg / 4.4 lbs

Part number
- A-224G5-Y,CD
- A-230G5-Y,CD

Fixings

13 Adapter for Mindray medical supply units
17 Adapter for Amico pendants & headwalls
10 Adapter for Maquet anaesthesia machines
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
1C

CIM-MED.COM
Support arm pivot

Technical data - arm length 300 mm / 11.8”
Extended pivot arm light duty

Monitor adaption
- Elo Touch adaptation

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

Part number
- A-33030G5-Y.CD

Fixings

4V
- Adapter for vertical wall channel

2F
- Fixed rail clamp

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

10
- Adapter for Maquet anaesthesia machines

9
- Adapter for Lüwenstein Medical anaesthesia machines

4K
- Adapter for anaesthesia machines with existing side channel
Extended pivot arm light duty

Technical data

SIDE VIEW

![Side View Diagram]

TOP VIEW

![Top View Diagram]
Height adjustable arm

- Monitor adaption: Elo Touch adaptation
- 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: 3.4 kg / 7.5 lbs
- Balancing range: 950 N (4-9 kg / 8.8-19.8 lbs)
- Part number: A-431G5-Y.CD_95

Fixings

- 4V: Adapter for vertical wall channel
- 1F: Adapter for Mindray medical supply units
- 1C: Adapter for Amico pendants & headwalls
- 1V: Adapter for anesthesia machines with existing side channel
- 2F: Fixed rail clamp
- 3: Vertical rail clamp
- 10: Adapter for Maquet anesthesia machines
- 3DR: Dual vertical rail clamp
- 3TX: Fixed / universal pole clamp

Details page 23 and 24
Height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
Extended height adjustable arm

Monitor adaption
- Elo Touch adaptation

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
- 4.9 kg / 10.8 lbs

Balancing range
- 950 N (4-9 kg / 8.8-19.8 lbs)

Part number
- A-73130GS-Y.CD_95

Fixings
- 4V: Adapter for vertical wall channel
- 2F: Fixed rail clamp
- 1F: Fixed / universal pole clamp
- 1C: Adapter for anaesthesia machines with existing side channel
- 1V: Adapter for Amico pendants & headwalls
- 3F: Vertical rail clamp
- 3DR: Dual vertical rail clamp
- 3TX: Adapter for Maquet anaesthesia machines
- 4K: Adapter for anaesthesia machines with existing side channel

Y | details page 23 and 24
Extended height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
High position height adjustable arm

Monitor adaption
- Elo Touch adaptation

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
- 3.9 kg / 8.6 lbs

Balancing range
- 950 N (4-9 kg / 8.8-19.8 lbs)

Part number
- A-531G5-Y.CD_95

Fixings
- 4U: Adapter for vertical wall channel
- 3: Vertical rail clamp
- 3DR: Dual vertical rail clamp
- 1F: Fixed / universal 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

Monitor adaption
- Elo Touch adaptation

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

Balancing range
- 950 N (4-9 kg / 8.8-19.8 lbs)

Part number
- A-83130G5-Y.CD_95

Fixings
- Adapter for vertical wall channel
- Vertical rail clamp
- Dual vertical rail clamp
- Fixed / universal pole clamp
- Adapter for Mindray medical supply units
- Adapter for Amico pendants & headwalls

Y | details page 23
Extended high position height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
Counter top

Elo Touch adaptation

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-HG5-60.CD_220: height 220 mm / 8.7”
- T-HG5-60.CD_280: height 280 mm / 11.0”
- T-HG5-60.CD_340: height 340 mm / 13.4”

Counter top without base plate to mount to desk or even surfaces (see illustration)
- T-HG5-61.CD_220: height 220 mm / 8.7”
- T-HG5-61.CD_280: height 280 mm / 11.0”
- T-HG5-61.CD_340: height 340 mm / 13.4”

Counter top free-standing
- T-HG5-69.CD_220: height 220 mm / 8.7”
- T-HG5-69.CD_280: height 280 mm / 11.0”
- T-HG5-69.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 - counter top with base plate

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)</td>
<td>4V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For arms with high mounting positions</td>
<td>4U</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Please order separately: CIM wall channel, see catalogue accessoires</td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Fixed rail clamp" /></td>
<td>Fixed rail clamp</td>
<td>To mount to horizontal European rails</td>
<td>2F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 x 25, 8 x 35, 10 x 30, 10 x 50 mm</td>
<td></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</td>
<td>3DR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Distance between rails 150 mm / 5.9”, e.g. Dräger pendant</td>
<td>3TX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Distance between rails 225 mm / 8.9”, e.g. Trilux pendant</td>
<td></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”</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>To mount to pole Ø 35 mm / 1.4”</td>
<td>1F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>To mount to pole Ø 38 mm / 1.5”</td>
<td>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="image" alt="Adapter for Löwenstein Medical anaesthesia machines" /></td>
<td>Adapter for Leon / Leon plus</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td><img src="image" alt="Adapter for anaesthesia machines (all suppliers)" /></td>
<td>H 80 mm / 3.1” With existing side channel</td>
<td>4K</td>
<td></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="image" alt="Adapter for Dräger" /></td>
<td>Dräger Primus / Julian / Cato / Fabius GS / Zeus side channel adapter L 127 mm / 5” side channel adapter L 320 mm / 12.6”</td>
<td></td>
<td>DR-J01 DR-J02</td>
</tr>
<tr>
<td><img src="image" alt="Adapter for GE" /></td>
<td>GE Avance / Aespire / Aestiva side channel adapter L 200 mm / 7.9”</td>
<td></td>
<td>DX-AES-01</td>
</tr>
</tbody>
</table>