Medical Mounting for Dräger Infinity C500/C700 with M540/M500 and PS250/2500 Power Supply

CIM Cable Integrated Mounting System
General notes

Monitor Adaptations
The monitor adaption VESA 75/100 quick release (Z-QR-G.D) offers tool-free disassembly of the monitor.

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.

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.

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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.
## Load capacity

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dräger Infinity C500 monitor</td>
<td>7 kg / 15.4 lbs</td>
<td></td>
</tr>
<tr>
<td>Dräger Infinity C700 monitor</td>
<td>11.2 kg / 24.7 lbs</td>
<td></td>
</tr>
<tr>
<td>Dräger Infinity M540 monitor with M500 docking station</td>
<td>2.1 kg / 4.6 lbs</td>
<td></td>
</tr>
<tr>
<td>A-431Q-4V</td>
<td>Height adjustable arm with quick release adapter plate VESA 75/100 and adapter for vertical wall channel</td>
<td>3.6 kg / 7.9 lbs</td>
</tr>
<tr>
<td>A-73130Q-4V</td>
<td>Extended height adjustable arm with quick release adapter plate VESA 75/100 and adapter for vertical wall channel</td>
<td>5.1 kg / 11.2 lbs</td>
</tr>
<tr>
<td>S-910DRQ-1</td>
<td>Flush mount for M500/M540 with quick release adapter plate VESA 75 and fixed pole clamp</td>
<td>1.5 kg / 3.3 lbs</td>
</tr>
<tr>
<td>KH6-71.1_300</td>
<td>Down post with cable hook, Length 300 mm / 11.8”</td>
<td>0.3 kg / 0.7 lbs</td>
</tr>
</tbody>
</table>
Height adjustable arm

- **Monitor adaption**: Quick release base plate with adapter plate VESA 75/100
- **Height adjustment**: Slow-flowing spring, parallel linkage for a constant viewing angle
- **Colours to choose**:
  - Decorative parts (C): RAL 5013 cobalt blue / RAL 7024 graphite grey
  - Aluminum parts (D): 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 weights**: See page 3
- **Balancing range**: 1300 N (7.5-13 kg / 16.5-28.7 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs)
- **Part numbers**:
  - A-431Q-4V.CD_130: Height adjustable arm for C500
  - A-431Q-4V.CD_175: Height adjustable arm for C700
  - Z-QR-G.D: Quick release adapter plate VESA 75/100
  - S-910DRQ-1.CD: Flush mount for M500/M540 with VESA 75 quick release
  - KH6-71.1_300: Down post with cable hook, L 300 mm/ 11.8”
  - DR-PS250-4.CD: 5” plunge plate with adapter plate
Extended height adjustable arm

Monitor adaption
Quick release base plate with adapter plate VESA 75/100

Height adjustment
slow-flowing spring, parallel linkage for a constant viewing angle

Colours to choose
<table>
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<td>decorative (C)</td>
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</tr>
<tr>
<td>aluminum (D)</td>
<td>RAL 9016 traffic white / RAL 9002 grey white</td>
</tr>
</tbody>
</table>

Max. load capacity support arm
22 kg / 48.5 lbs

Max. load monitor adaptation
18 kg / 39.7 lbs

Product weights
see page 3

Balancing range
1300 N (7.5-13 kg / 16.5-28.7 lbs); 1750 N (13-16 kg / 28.7-35.3 lbs)

Part numbers
- A-73130Q-4V.CD_130: Extended height adjustable arm for C500
- A-73130Q-4V.CD_175: Extended height adjustable arm for C700
- Z-QR-G.D: Quick release adapter plate VESA 75/100
- S-910DRQ-1.CD: Flush mount for M500/M540 with VESA 75 quick release
- KH6-71.1_300: Down post with cable hook, L 300 mm / 11.8”
- DR-PS250-4.CD: 5” plunge plate with adapter plate
Height adjustable arm

Technical data

SIDE VIEW

585 mm / 23.0"
450 mm / 17.7"
130°
90°
31°
180°
90°
15°
219 m / 8.6"
438 mm / 17.2"

TOP VIEW

90°
180°
90°
130°
Extended height adjustable arm

Technical data

SIDE VIEW

TOP VIEW
Flush mount

Technical data

SIDE VIEW

TOP VIEW
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:**
   - 431Q = height adjustable arm
   - 73130Q = extended height adjustable arm

3. **Specify where you want to mount the arm and select the fixing (Y):**
   - 1 = pole ø 25 mm / 1.0”
   - 4V = vertical wall channel

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):**
   - 130 = 7.5 - 13 kg / 16.5 - 28.7 lbs
   - 175 = 13 - 16 kg / 28.7 - 35.3 lbs