MOUNTING REFERENCE GUIDE

VESPA 75/100 Flat Panel with Space-Saving L-Bracket and Keyboard/Mouse

CIM Cable Integrated Mounting System
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General notes

Monitor Adaptations
The monitor adaptation VESA 75/100 is provided with a spring for counter-balance.

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:
   224L / 230L = support arm pivot
   H33030L = extended pivot arm heavy duty
   431L = height adjustable arm
   73130L = extended 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
   13 = Mindray medical supply units
   17 = Amico pendants & headwalls
   9 = Löwenstein Medical anaesthesia machine
   4K = anaesthesia machine with existing 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):
   Please note that the weight range of the individual springs may vary depending on the bracket (X).

   Pneumatic Springs Explained:
   The weight ranges of the pneumatic springs shown in our catalogues relate to the minimum and maximum weights of the products that can be added to the arm, for a perfectly balanced solution. The weight ranges can vary with the same pneumatic springs, as the overall weights placed on the front of the arms have to be considered. The total weight not only reflects the actual monitor weight, but also includes monitor adaptations, brackets and/or trays. When choosing the pneumatic spring, please consider the weight of your monitor/ device only.

   L-Bracket
   95 = 1.5 - 6.5 kg / 3.3 - 14.3 lbs
   130 = 5 - 10.5 kg / 11 - 23.1 lbs
   175 = 10.5 - 12 kg / 23.1 - 26.5 lbs

7. Specify the requested size of the keyboard tray and mouse (T):
   30S = 300 x 210 mm / 11.8 x 8.3", magnetic
   40S = 400 x 150 mm / 15.7 x 5.9", magnetic
   50S = 500 x 200 mm / 19.7 x 7.9", magnetic
   58S = 580 x 200 mm / 22.8 x 7.9", magnetic

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**Example**

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<tr>
<th>01 Grounding</th>
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<td>-</td>
<td>-</td>
<td>CD</td>
<td>_</td>
<td>X</td>
</tr>
<tr>
<td>A</td>
<td>-</td>
<td>-</td>
<td>gr1</td>
<td>_</td>
<td>95</td>
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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 with space-saving L-bracket

Monitor / keyboard adaption
L-bracket VESA 75/100 and keyboard / mouse tray

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
12 kg / 26.5 lbs
Product weight
240 mm: 2.0 - 2.9 kg  /  9.5”: 4.4 - 6.4 lbs  (according to dimensions of keyboard tray)
300 mm: 2.1 - 3.0 kg  /  11.8”: 4.6 - 6.6 lbs  (according to dimensions of keyboard tray)

Keyboard tray
300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm
11.8 x 8.3”, 15.7 x 5.9”, 19.7 x 7.9”, 22.8 x 7.9”

Part number
arm length: 240 mm  arm length: 300 mm
A-224L-Y.CD_T  A-230L-Y.CD_T

Fixings

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

CIM-MED.COM
Y  details page 15 and 16
Support arm pivot with space-saving L-bracket

Technical data - arm length 300 mm / 11.8", keyboard tray 500 x 200 mm / 19.7 x 7.9"
Extended pivot arm heavy duty with space-saving L-bracket

Monitor / keyboard adaption
L-bracket VESA 75/100 and keyboard / mouse tray

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
12 kg / 26.5 lbs

Product weight
3.3 – 4.2 kg / 7.3 – 9.3 lbs (according to dimensions of keyboard tray)

Keyboard tray
300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9"

Part number
A-H33030L-Y,CD,T

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 |

Adapter for Mindray medical supply units
Adapter for Amico pendants & headwalls
Adapter for Löwenstein Medical anaesthesia machines
Adapter for anaesthesia machines with existing side channel

CIM-MED.COM
Extended pivot arm heavy duty with space-saving L-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9”
Height adjustable arm with space-saving L-bracket

Monitor adaption
L-bracket VESA 75/100 and keyboard / mouse tray

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 18 kg / 39.7 lbs
Max. load monitor adaptation 12 kg / 26.5 lbs
Product weight 3.5 - 4.4 kg / 7.7 - 9.7 lbs (according to dimensions of keyboard tray)

Keyboard tray
300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9"

Balancing range
950 N (1.5 - 6.5 kg / 3.3 - 14.3 lbs); 1300 N (5 - 10.5 kg / 11 - 23.1 lbs);
1750 N (10.5 - 12 kg / 23.1 - 26.5 lbs)

Part number
A-431L-Y.CD_X_T

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
Height adjustable arm with space-saving L-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9”

SIDE VIEW

TOP VIEW
Extended height adjustable arm with space-saving L-bracket

Monitor adaption  L-bracket VESA 75/100 and keyboard / mouse tray
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  18 kg / 39.7 lbs
Max. load monitor adaptation  12 kg / 26.5 lbs
Product weight  5.0 - 5.8 kg / 11 - 12.8 lbs (according to dimensions of keyboard tray)
Keyboard tray  300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm
  11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9"
Balancing range  950 N (1.5 - 6.5 kg / 3.3 - 14.3 lbs); 1300 N (5 - 10.5 kg / 11 - 23.1 lbs);
  1750 N (10.5 - 12 kg / 23.1 - 26.5 lbs)
Part number  A-73130L-Y.CD_X_T

Fixings  Y  |  details page 15 and 16

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
Extended height adjustable arm with space-saving L-bracket

Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"
# Fixings

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<th>Illustration</th>
<th>Description</th>
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<td></td>
<td>Adapter for vertical wall channel</td>
<td>To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires</td>
<td>4V</td>
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<tr>
<td></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>
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<td></td>
<td>Vertical rail clamp</td>
<td>To mount to vertical European rail 10 x 25 mm</td>
<td>3</td>
</tr>
<tr>
<td></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&quot;, e.g. Dräger pendant Distance between rails 225 mm / 8.9&quot;, e.g. Trilux pendant</td>
<td>3DR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3TX</td>
</tr>
<tr>
<td></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>1F</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1C</td>
</tr>
<tr>
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<td>Universal pole clamp</td>
<td>V-block to mount to pole ø 23 - 40 mm / 0.9 - 1.6”</td>
<td>1V</td>
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<tr>
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<td>Adapter medical supply units</td>
<td>For Mindray medical supply units</td>
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<td></td>
<td>Adapter pendants &amp; headwalls</td>
<td>For Amico pendants &amp; headwalls</td>
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Fixings for anaesthesia machines

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<th>Part no.</th>
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<td>Adapter for Löwenstein Medical anaesthesia machines</td>
<td>Adapter for Leon / Leon plus</td>
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<td></td>
<td>Adapter for anaesthesia machines (all suppliers)</td>
<td>H 80 mm / 3.1”</td>
<td>4K</td>
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<td>With existing side channel</td>
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If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K:

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<td>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>DR-J01</td>
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<td>DR-J02</td>
</tr>
<tr>
<td></td>
<td>Adapter for GE</td>
<td>GE Avance / Aespire / Aestiva side channel adapter L 200 mm / 7.9”</td>
<td>DX-AES-01</td>
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</tbody>
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