Installation Guide
HAMilton-C2/C3 Trolley
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Conventions used in this guide

Safety messages are displayed as follows:

⚠️ WARNING

A WARNING alerts the user to the possibility of injury, death, or other serious adverse reactions associated with the use or misuse of the device.

⚠️ CAUTION

A CAUTION alerts the user to the possibility of a problem with the device associated with its use or misuse, such as device malfunction, device failure, damage to the device, or damage to other property.

NOTICE

A NOTICE emphasizes information of particular importance.

Intended use of this guide

The HAMILTON-C2/C3 Trolley Installation Guide is intended for hospital technicians, biomedical engineers, or certified service technicians/engineers only.
## Document history

<table>
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<th>Document version No.</th>
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<td>00</td>
<td>First release</td>
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**Required tools**

- T-handle hex key (size: 2.5 mm)
- Allen key (size: 6 mm)

**Safety information**

- **WARNING**
  - The weight of the trolley package is 36 kg (79 lb). Two persons are necessary to lift the trolley or use an applicable lifting equipment.
  - Do not put more than the permitted weight on the trolley. The maximum permitted weight (safe working load) on the trolley is 80 kg (176 lb).

**Components**

- A  1 x Trolley column
- B  1 x Trolley base
- C  1 x Trolley handle
- D  4 x Hex socket cap screws, M8 x 45 mm
- E  4 x M8 washers A2, 8.4 (id) x 25 (od) mm
- F  6 x Countersunk hex socket screws, M4 x 20 mm

* Use a T-handle hex key to tighten the countersunk hex socket screws.

**Note:** A HAMILTON-C2/C3 ventilator is required. Not included.
Note: The trolley handle must be installed with the slanted-end at the front of the trolley column.
HAMILTON-C2/C3 Trolley Installation Guide
Humidifier Mounting Kit

Required tools
Allen key (size: 4 and 6 mm)

Components

A Humidifier mounting kit contains:
A1 1 x HAMILTON-H900 mounting bracket
A2 1 x Hex socket cap screw, M8 x 12 mm
A3 2 x M5 slot-nuts with spring
A4 2 x Hex socket cap screws, M5 x 25 mm

Mounting kit for third-party humidifier contains:
A5 1 x Mounting bracket
A6 2 x Hex socket cap screws, M5 x 12 mm

Note: HAMILTON-H900 is required for the installation. Not included. Must be ordered separately.
There are different voltage outputs of the HAMILTON-H900 for specific countries.

Safety information

⚠️ CAUTION

Lock the trolley wheel brakes before you start the installation.
Mounting bracket assembly for third-party humidifier
**Required tools**

Spanner/wrench: BS 13 mm or 5/16” UNF

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**Components**

A  1 x Water bottle holder with quick-lock (PN 160162)

B  1 x Quick-lock socket kit (PN 160154)*

Contains:

B1  1 x Quick-lock socket

B2  1 x M8 washer, DIN 9021 / ISO 7093

B3  1 x Reverse thread hex bolt (fully threaded), M8 x 12 mm

* The Quick-lock Socket Kit (PN 160154) is not included. It must be ordered separately with the Water Bottle Holder with Quick-lock to complete the assembly.

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**Safety information**

**CAUTION**

Lock the trolley wheel brakes before you start the installation.

**NOTICE**

The water bottle holder can be mounted on the left or right side of the ventilator handle.
HAMILTON-C2/C3 Trolley Installation Guide
Tubing Support Arm with Quick-lock

Required tools
Spanner/wrench: BS 13 mm or 5/16” UNF

Components
A  1 x Plastic tubing holder, double (PN 281673)
B  1 x Tubing support arm with quick-lock
C  1 x Quick-lock socket
D  1 x M8 washer, DIN 9021 / ISO 7093
E  1 x Reverse thread hex bolt (fully threaded), M8 x 12 mm

Safety information

**CAUTION**
Lock the trolley wheel brakes before you start the installation.

**NOTICE**
The tubing support arm can be mounted on the left or right side of the ventilator handle.
1. **Installation**: Insert the component into the desired position.

2. **Secure**: Use a wrench to tighten the bolt securely.

3. **Adjustment**: Ensure the component is snugly fit into the designated area.

4. **Final Check**: Verify the installation is stable and secure before use.
Required tools
No tools required

Components
A  2 x O2 cylinder holder brackets
B  4 x Velcro straps  
   Dimension: 550 mm (l) x 50 mm (w)
C  4 x M6 slot-nuts
D  4 x M6 spring washers
E  4 x Plastic-knurled thumb screws, M6 x 16 mm

Safety information

**CAUTION**
Lock the trolley wheel brakes before you start the installation.

**NOTICE**
The recommended oxygen cylinder diameter:
- minimum of 80 mm
- maximum of 140 mm