



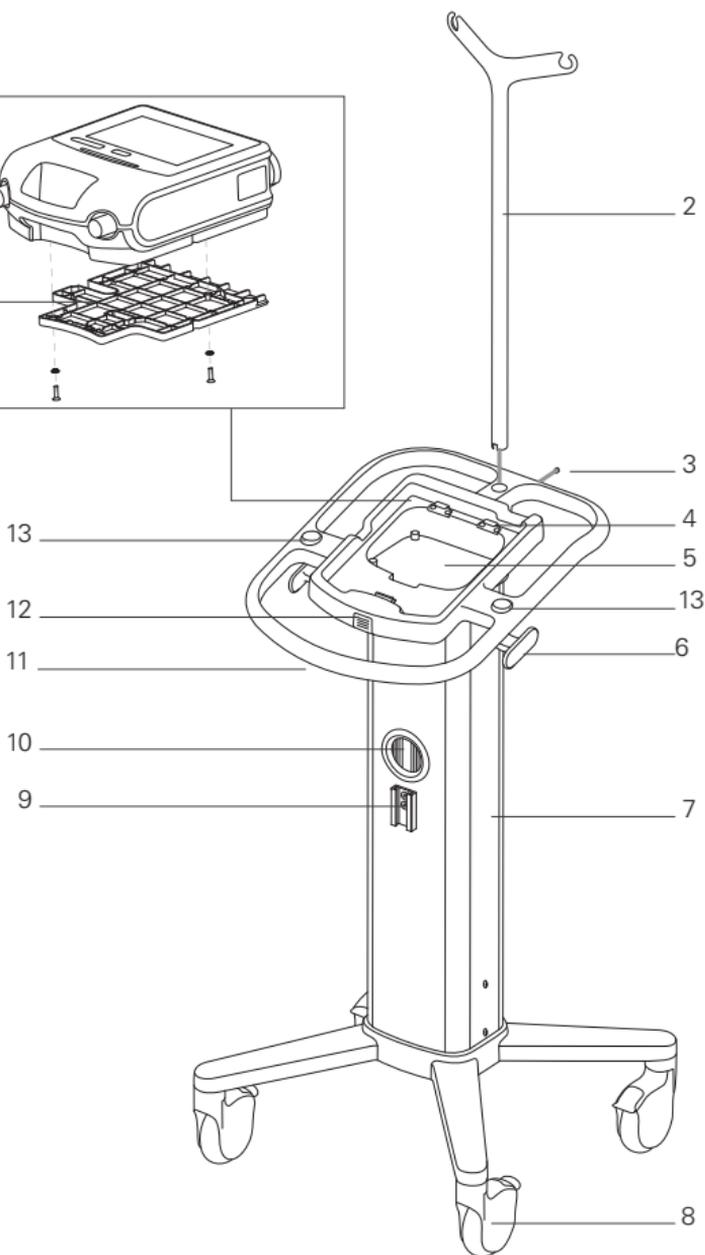
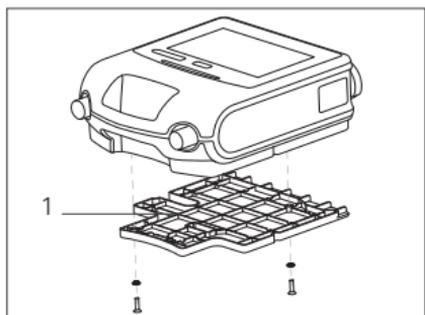
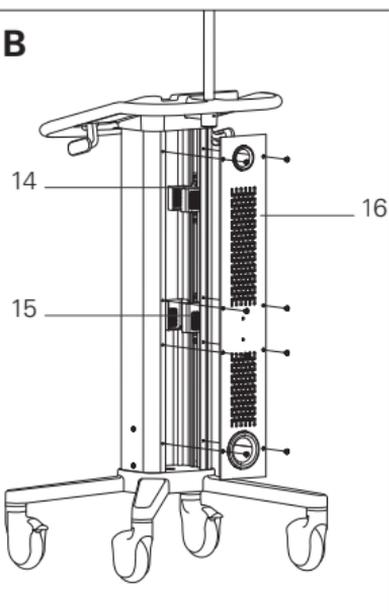
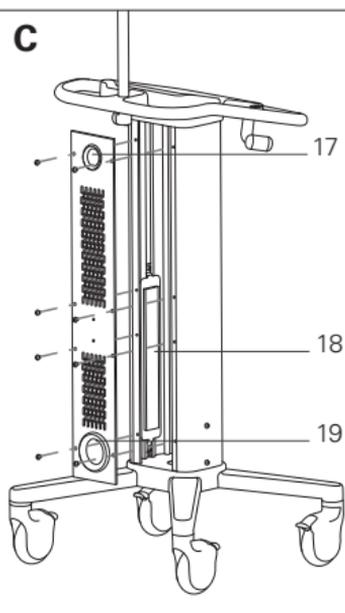
ResMed

Hospital Trolley

A mobile solution



User guide
English

A**B****C**

Hospital Trolley

User Guide

ENGLISH

Intended use

The ResMed Hospital Trolley ('Trolley') is designed to hold and move compatible ResMed ventilators and accessories between points of therapy in the hospital environment and limited care facility environments.

General warnings and cautions

- When fitting devices or accessories, or when stationary, immobilise the trolley by locking all four wheels. Ensure all wheels are unlocked before moving the trolley.
- Do not leave the trolley on a steep slope. Hold the trolley handle as you move the unit over power cords or any other obstacle to prevent accidental tipping.
- When using the trolley with other devices or accessories, always refer to the user guides that come with those devices for full instructions for use.
- If this trolley is modified, appropriate inspection and testing must be conducted to ensure continued safe use of the trolley.
- Pushing with excessive force, especially while the wheels are locked, may cause the trolley to topple over. This could damage the ventilator and attached equipment
- Read the entire manual before using the trolley.

The Trolley at a glance

Refer to illustration A, B, C and E.

- | | |
|--|------------------------------------|
| 1. Base plate | 12. Base plate release button |
| 2. Intravenous (IV) support pole (to support a 1L bag) | 13. Bennett connections |
| 3. M5 grub screw | 14. Power supply unit (PSU) holder |
| 4. Trolley table hooks | 15. Power supply unit (PSU) holder |
| 5. Trolley table | 16. Trolley rear panel |
| 6. Cable hook | 17. Upper cable port |
| 7. Centre console | 18. Power strip mount |
| 8. Wheels (lockable) | 19. Lower cable port |
| 9. Humidifier bracket | 20. Bracket strap |
| 10. Humidifier cable port | 21. Cylinder mount base. |
| 11. Trolley handle | |

The Trolley comprises the following components:

- Trolley
- Base Plate
- IV Support Pole
- 3 mm hex key x1
- 2.5 mm hex key x1
- M5 grub screw x1
- M4 screw x2.

Accessories (available separately):

- ResMed Hospital Trolley power strip (ANZ, EUR, UK, USA)
- Cylinder mount
- Storage bin
- Circuit support arm.

For a full list of compatible devices and accessories, see the accessories guide on www.resmed.com on the Products page under Service and Support. If you do not have internet access, please contact your ResMed representative.

Assembly

Parts for fitting and assembly are shown in illustrations A, B, C and E.

Fitting the IV support pole to the trolley

The Trolley arrives partly assembled; however the IV support pole must be fitted.

1. Insert the IV support pole into the trolley table.
2. Secure in position using the M5 grub screw and 3 mm hex key.

Fitting the power strip

To power devices fitted to the Trolley, use the ResMed Hospital Trolley power strip.

The power strip is a medical grade accessory validated for use with the trolley. It improves trolley mobility and ease of use by providing increased cable length and a single point of power connection/disconnection for multiple devices connected to the trolley. The power Sstrip is provided with double sided Velcro®.

CAUTION

- Ensure only Medical devices are connected to the power strip.
- Using a power strip other than the one provided by ResMed may lead to a reduced level of safety.
- Use only power strips that comply with IEC60601-1 when mounted in the trolley.
- Ensure the power strip is disconnected from mains power or has enough cable length before moving the Trolley

To fit the Power strip:

1. Remove the Trolley rear panel.
2. Attach the power strip to the inner left side of the trolley centre console (opposite the PSU Holders) using Velcro.
3. Thread the power strip cable through the lower cable port of the trolley rear panel.
4. Replace and secure the trolley rear panel.

Using the Astral device with the trolley

CAUTION

Ensure the base plate is attached securely to the base of the device and correctly fitted to the trolley table before use.

Fitting the base plate to the Astral device

Ensure the Astral is powered off before fitting the base plate.

1. Turn the Astral device upside down and place on a soft but stable surface (to protect the LCD screen).
2. Position the base plate on the underside of the Astral device and align the screw holes.
3. Secure the base plate to the Astral device using the M4 screws and 2.5 mm hex key.

Fitting the base plate to the trolley table

1. Hold the Astral device (with base plate attached) by the handle and place the back edge of the base plate underneath the trolley table hooks.
2. Press down firmly on the handle of the Astral device so the base plate clips down into the trolley table.

Notes:

- Do not press down on the LCD screen of the Astral device as it may cause damage.
- To remove the Astral device from the trolley table, press the base plate release button and lift up the Astral handle.

Connecting to mains power

To connect your device to mains power:

1. Remove the trolley rear panel.
2. Place your device PSU in one of the PSU holders.
3. Thread your device power cable through the upper cable port of the trolley rear panel.
4. Connect the PSU into the power strip.
5. Replace and secure the trolley rear panel.
6. Connect the power cable to your device using the mains cable.
7. Connect the power strip into mains power.

Connecting an Humidifier

1. Remove the trolley rear panel.
2. Place the humidifier PSU in one of the PSU holders.
3. Thread the humidifier power cable through the humidifier cable port at the front of the trolley.
4. Slide the humidifier into the humidifier bracket.
5. Connect the humidifier PSU into the power strip.
6. Replace and secure the trolley rear panel.

Accessories

Circuit support arm

The circuit support arm is used to position and hold the patient circuit during treatment.

To attach the circuit support arm:

Screw the end of the Circuit support arm into one of the Bennett adapters on the Trolley Table.

Hospital trolley storage bin

The trolley storage bin is designed to hold patient masks, additional circuits and any other loose accessories that need to be stored with the trolley (To a maximum weight limit of 2kg).

It is comprised of:

- Storage Bin
- M5 screws x4
- 3 mm hex key.

To attach the storage bin:

(Fitting and assembly parts shown in illustration D).

1. Position the trolley bin at the front of the centre console and align the screw holes.
2. Secure the bin in position using the screws and hex key.

Hospital trolley cylinder mount

The cylinder mount is designed to hold one cylinder of up to B5/E size. It is comprised of:

- Cylinder mount base
- Bracket strap
- M6 screws x4
- M5 screws x2
- 3 mm hex key
- 5 mm hex key.

To attach the Cylinder mount:

(Parts for fitting and assembly shown in illustration E).

Ensure the trolley is empty and no therapy devices are attached.

1. Tip the trolley on its side to expose the underside.
2. Position the cylinder mount base on the underside of the trolley.
3. Secure the cylinder mount base using the M6 screws and 3 mm hex key.
4. Return the trolley to the upright position and ensure the wheels are locked.
5. Secure the bracket strap to the trolley rear panel using the M5 screws and 5 mm hex key.

Fitting an oxygen cylinder

1. Place the oxygen cylinder upright on the cylinder mount base.
2. Wrap the bracket strap around the oxygen cylinder and tighten to secure.
3. Connect the oxygen line from the cylinder to the oxygen inlet port on the Astral device.

Note: Ensure the oxygen cylinder manometer is visible.

Cleaning and maintenance

Wipe the trolley regularly with a damp cloth using a mild cleaning solution.

The following cleaners and disinfectants are compatible for use when cleaning the external surfaces of the trolley:

- Teepol Multipurpose detergent
- Actichlor Plus
- Bleach (1:10) (may also be known as 'dilute hypochlorite')
- Isopropanol
- Mikrozyd®
- Cavicide®.

WARNING

A patient treated by mechanical ventilation is highly vulnerable to the risks of infection. Dirty or contaminated equipment is a potential source of infection. Clean the trolley regularly.

Storage

Ensure that the trolley wheels are locked during storage. Ensure the Trolley is clean and dry before storing for any length of time.

Servicing

The Hospital Trolley is intended to provide safe and reliable operation when used and maintained in accordance with the instructions provided by ResMed. There is no servicing necessary during the lifetime of the trolley.

Technical specifications

Height	1038 mm (1657 mm with IV Pole)
Base diameter	511 x 504 mm
Shipping weight	31.5 kg
Total Load limit (including all accessories)	25 kg (assumes maximum bin load of 2kg and IVsupport carrying 1 litre bag)
Storage and transport temperature	-20°C to 70°C

Note: The manufacturer reserves the right to change these specifications without notice.

Symbols

The following symbols may appear on the device or packaging:

 Indicates a Warning or Caution;  Read instructions before use;
 LOT Batch Code;  SN Serial number;  REF Catalogue Number;  Manufacturer;  EC REP European Authorized Representative;  General warning sign;  Keep upright;  Humidity limitation;  Temperature limitation;  Fragile, handle with care;  Keep dry;  Do not push with excessive force;  CE Labelling.

Disposal

The Trolley does not contain any hazardous substances and may be disposed of as normal refuse.



Environmental information

The power strip should be disposed of separately, not as unsorted municipal waste. To dispose of your Power strip, you should use appropriate collection, reuse and recycling systems available in your region. The use of these collection, reuse and recycling systems is designed to reduce pressure on natural resources and prevent hazardous substances from damaging the environment.

If you need information on these disposal systems, please contact your local waste administration. The crossed-bin symbol invites you to use these disposal systems. If you require information on collection and disposal of your ResMed device, please contact your ResMed office, local distributor or go to www.resmed.com/environment.

Limited warranty

ResMed Ltd (hereafter 'ResMed') warrants that your ResMed product shall be free from defects in material and workmanship for a period of 12 months from the date of purchase by the initial consumer. This warranty is not transferable.

If the product fails under conditions of normal use, ResMed will repair or replace, at its option, the defective product or any of its components.

This limited warranty does not cover: a) any damage caused as a result of improper use, abuse, modification or alteration of the product; b) repairs carried out by any service organisation that has not been expressly authorised by ResMed to perform such repairs; c) any damage or contamination due to cigarette, pipe, cigar or other smoke; d) any damage caused by water being spilled on or into the product.

Warranty is void on product sold, or resold, outside the region of original purchase.

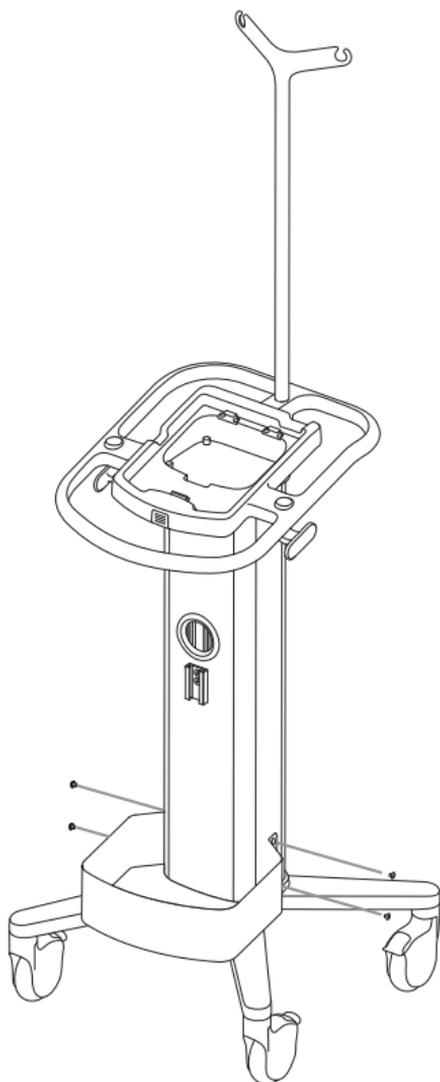
Warranty claims on defective product must be made by the initial consumer at the point of purchase.

This warranty is in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. Some regions or states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

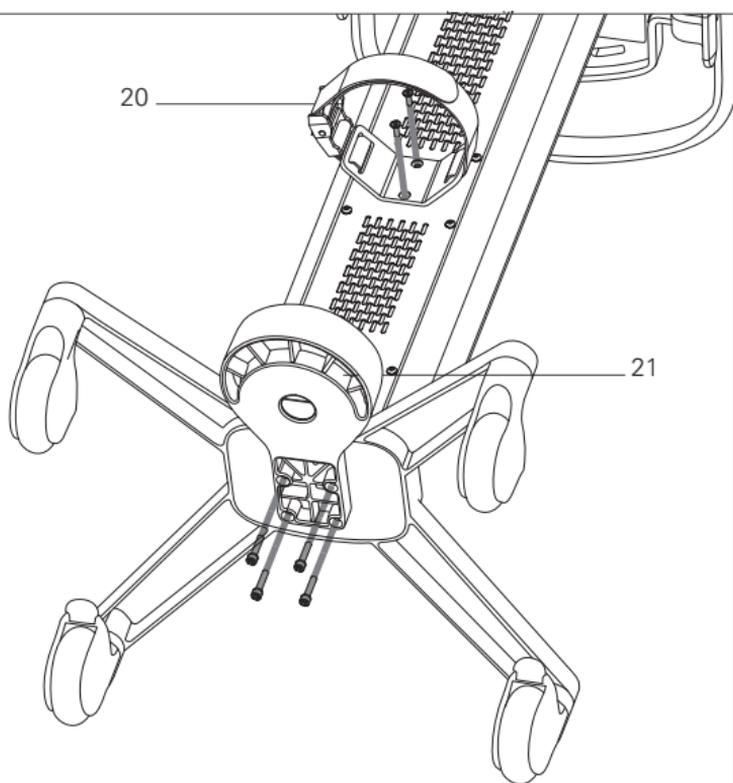
ResMed shall not be responsible for any incidental or consequential damages claimed to have occurred as a result of the sale, installation or use of any ResMed product. Some regions or states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from region to region. For further information on your warranty rights, contact your local ResMed dealer or ResMed office.

D



E





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