

Alpha Trancell Deluxe

This Quick reference guide has been produced to assist Healthcare Professionals and other users with only the functional aspects of the system. The guide does not replace the general safety warnings, cautions and recommendations provided in the product instructions for use, part number 500934EN.

Refer to the product instructions for use before using this product.

Indications:

- The Alpha Prevent™ system is indicated for prevention and treatment of pressure ulcers up to category 2¹. Maximum patient weight 90 kg.
- The Alpha Trancell® Deluxe systems are indicated for the prevention and/or management of all categories¹ of pressure ulcer, when combined with an individualised, comprehensive pressure ulcer protocol.
- The *Alpha Trancell Deluxe* and *Trancell II*® mattresses are designed for patients weighing up to 120 kg (264 lb).
- The *Alpha Trancell Deluxe* seat cushion is designed for patients weighing between 40 kg to 90 kg (198 lb).

Contraindication: Do not use the system for patients with unstable spinal fractures.

Caution: If patients have other unstable fractures, or conditions which may be complicated by a soft or moving surface, advice should be sought from an appropriate clinician before use.



The Power:connect/Power:disconnect switch is on the side of the pump.

- Press | to put the pump into the power:connect mode, and ○ to put the pump into power:disconnect mode.
- Pump alarms can be reset by switching the pump to Power:disconnect and back to Power:connect again.
- To isolate the pump from the mains power, switch the pump to Power:disconnect and then remove the plug from the mains power socket.



The Power On indicator will illuminate when the pump is in Run mode.



The Wait indicator is illuminated when the mattress replacement, overlay or seat cushion is being inflated. The indicator will remain illuminated until the system has been fully inflated.

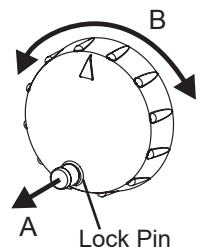


The Low Pressure indicator will flash whenever the pump detects low pressure in the mattress or seat cushion and an audible alarm will sound. The indicator will extinguish once normal pressure is reached.

Check the Rapid Deflate stopper at the head end is securely inserted and the tubeset is connected properly.



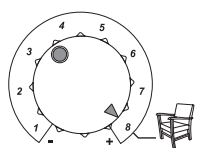
In the event of mains power failure, the Power Fail alarm indicator starts flashing and an audible alarm sounds. The pitch of the alarm increases over time. If the mains power supply is resumed the audible alarm stops, but the alarm light remains illuminated until the system is reset (UK only).



The mattress or seat cushion cell pressure can be adjusted for the individual patient weight using the Pressure Control. Rotate the Pressure Control clockwise to increase pressure and counterclockwise to decrease it.

The Pressure Control is locked in position to prevent accidental rotation. Do the following to adjust the Pressure Control position:

1. Lift the lock pin (A) to release the control knob.
2. Rotate the control knob (B) whilst the lock pin is raised.
3. Release the lock pin when the pressure control knob is in the desired position to lock the control knob.



Refer to the patient weight guide on the back of the pump for the correct setting of the Pressure Control:

- If the patient is sitting on the mattress, increase the Pressure Control by two settings.
- If the patient is sitting on a seat cushion, set the Pressure Control to the maximum position (8) as shown in the adjacent figure.

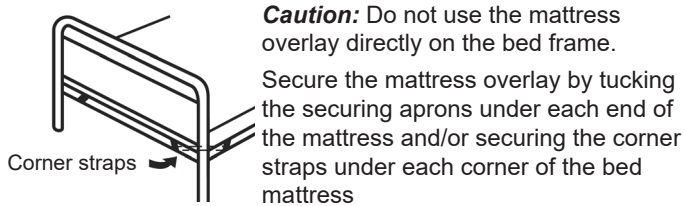
Warning: The patient weight guide is only an indication and should not replace clinical judgement.

1. NPUAP/EPUAP International Pressure Ulcer Guideline, 2009.

Installation

Mattress Overlay

Place the overlay on top of the normal mattress surface, with the tubeset located near the foot end of the bed. The mattress cover must be uppermost



Mattress Replacement (MR)

Remove existing mattress from the bed and place the MR onto the bed frame and make sure the tube-set is located at the foot end of the bed. The mattress cover must be uppermost.

Make sure the mattress has been secured to the bed frame using the straps provided.

To Complete the MR and Overlay Installation

Make sure the Rapid Deflate stopper is inserted at the head end (not applicable to *Alpha Prevent*).

Make sure the Rapid Deflate tag is visible and accessible at all times, and is clear of any possible entrapment areas.

For *Alpha Trancell Deluxe* mattresses only, make sure the Transport control is set to Normal.

Seat Cushion

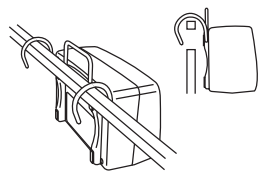
Place the seat cushion on top of the chair surface. From a standing position in front of the chair and facing it, make sure the cells are uppermost and the tube-set appears from the front right corner of the cushion.

Do not use the *Alpha Trancell Deluxe* seat cushion without a foam cushion beneath it.

Always use the *Alpha Trancell Deluxe* seat cushion with the protective top cover.

Avoid trailing cables; make sure that the cable and tubeset are positioned beneath the chair to avoid causing a hazard.

Installing the Pump:



Position the pump, feet down, on any convenient horizontal surface or alternatively suspend from the bed foot rail by means of swing out hooks.

Connect the tubeset to the pump. Make sure the air feed tubes are not "kinked" or twisted.

Make sure that the mains power cable and mattress/seat cushion tubeset are positioned to avoid causing a trip or strangulation hazard, and are clear of moving bed mechanisms or other possible entrapment areas.

Insert the mains power plug into a suitable mains power socket.

Safety Sides

Regarding the use of safety sides, always refer to your local trust policy AND the product instructions for use.

® and ™ are trademarks belonging to the Arjo group of companies.

© Arjo 2022.

As our policy is one of continuous improvement, we reserve the right to modify designs without prior notice. The content of this publication may not be copied either whole or in part without the consent of Arjo.

Quick Start:

Press the Power:connect / Power:disconnect switch to Power:connect. The Power On and Wait indicators should now be illuminated while the system inflates.

Allow approximately 10–15 minutes for the mattress to inflate fully or 2–3 minutes for the seat cushion. When fully inflated the Wait indicator will extinguish.

Place a sheet over the MR/overlay and tuck in loosely.

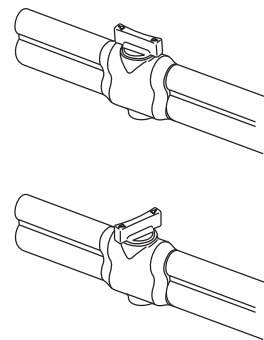
Once the patient is on the mattress/seat cushion, adjust the cell pressures using the Pressure Control. Refer to the patient weight guide on the back of the pump for the correct setting.

In the case of a patient sitting up in bed, increase the Pressure Control by two settings.

Transport Mode

The patient may be transported on the *Alpha Trancell Deluxe* mattress and overlay.

1. Turn the control knob 90 degrees as shown below.
2. Remove the tubeset from the pump.
3. Switch the pump to Power:disconnect.



The pressure in the cells will equalise and the patient will continue to be supported (with the mattress static) for up to 2 hours with the patient in the supine (lying) position.

For optimum use of the transport facility, set the mattress and overlay to Transport mode when all the cells are inflated at cell cross-over. Make sure the patient remains in the supine (lying) position.

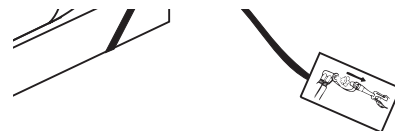
RAPID DEFLATE

IN THE EVENT OF CARDIAC ARREST

In the event of a patient suffering cardiac arrest and CPR needing to be administered:

To Activate the Rapid Deflate:

Located at the head end of the mattress, pull the Rapid Deflate tag firmly for rapid mattress deflation, and then disconnect the tube set connectors at the pump.



To Reset the Rapid Deflate:

Replace the stopper securely and reconnect the air tubes to the pump.

