The T688 Medical Treatment Chair is the latest innovation in our T Series. It has been designed in conjunction with clinical practitioners to provide a chair that offers an ideal combination of patient comfort and safety, both paramount in delivering optimum care.

We have prepared this ‘How to use guide’ to assist you and your staff in fully utilising the many useful features of the T688.

For technical information, please refer to the ‘T688 Series Instructions Manual’.

Your Fresenius Medical Care Team

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T688 Series User Guide
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Before first use

Locate the power cord at the rear of the T688 and remove the twist tie.

Hold the power cord between two hands and gently stretch the power cord to gain full length.

Gently stretch

Remove twist tie

Do not pull the cord directly away from its attachment to the chair.

Plug the cord into mains power and turn on for a minimum of 24 hours before first use.

To ensure correct operation, make certain the power cord is always plugged in to an active power outlet.
The chair casters can be locked and unlocked by activating the toe-down or toe-up brake bar found on the outer edge of the chair base.

The brakes can be accessed from the front, rear or side of the chair.

**To lock casters**
Lightly push down on the outside metal bar to lock the two side casters. Repeat for the other side of the chair.

**To unlock casters**
Lightly push up on the outside part of the metal bar to unlock the casters. Repeat for the other side of the chair.
Your chair comes with one nurse-operated hand control and one patient-operated hand control.

Using the hand control
Hand control symbols

Nurse hand control symbols

Moves the back rest up and down
Moves the leg rest up and down
Stores chair memory position
LED Amber
Indicates battery in use
Amber light flashing indicates the battery is in normal use and requires charging

Memory positions
1 Emergency
Trendelenburg position (head low and feet high)
2 Patient entry and exit
Low sitting position
3 Patient treatment
Raised and reclined position

LED Green
Indicates mains power ON
Amber and Green flashing together indicates ‘System Error’
Using the hand control
Memory chair position buttons

The nurse hand control comes with three memory seating positions.

⚠️ Emergency

Memory 1 T688 and T688B
Moves the chair into the emergency Trendelenburg position (head low and feet high).

Memory 1 T688 ICU
Moves the chair into a lie-flat position.

Memory 2
Moves the chair to the lowest seating position. Suitable for patient entry and exit from the chair.

Memory 3
Moves the chair to a reclining, elevated position for patient treatment. Also a suitable position for chair cleaning.

To STOP the chair moving after a memory position button is pressed, push any button on either hand control.
The chair memory buttons can be modified according to your clinical needs.

**To modify the memory buttons**
Position the chair to the desired position using the up and down arrows for the back rest, chair height and leg rest.

**When the chair is in the desired position**
Hold down the ‘S’ (Store) button for five seconds until the beep sounds.

**Once the beep is sounding**
Select one of the memory buttons numbered 1, 2 or 3, and press it within two seconds to store the new memory position. Repeat as required.
The chair is designed to protect itself from external electrical threats which could cause damage. If the chair detects a threat, it will enter sleep mode and will not respond to commands from the hand control. A sleep mode beep will be heard from the chair when any button is pressed.

Using the hand control - T688 and T688 ICU models
Chair not responding to hand controls

Follow these steps for the T688 and T688 ICU chairs:

Step 1
Using both hands, press both the up and down arrows for the seat height simultaneously. If successful, a constant beeping will be heard.

Step 2
Push button to lower the chair seat to its lowest position and hold button for one second after the chair has stopped moving.

Step 3
Push button to lower the back rest to its fully reclined position and hold button for one second after the back rest has stopped moving.

Step 4
Push button to move the foot rest to its fully vertical position and hold button for one second after the foot rest has stopped moving.

The T688 and T688 ICU chairs can be woken up by following these recalibration instructions. Note that if ALL of these steps are not completed, the chair may continue to be in ‘sleep mode’.

The chair will now respond to your hand control. You may also need to reset the memory buttons as explained under ‘Changing memory buttons’ on pages 14 and 15.

NOTE
Both buttons must be pushed simultaneously. You can redo this as often as required.

NOTE
Hold until the beeping stops (approximately five seconds).

If beeping does not start, repeat until successful.
Using the hand control - T688B Bariatric
Chair not responding to hand controls

The T688B bariatric chair can be woken up by following these recalibration instructions. Note that if ALL of these steps are not completed, the chair may continue to be in ‘sleep mode’.

Follow these steps for the T688B bariatric chair:

**Step 1**
Using both hands, press both the up and down arrows for the seat height simultaneously. If successful, a constant beeping will be heard.

**NOTE**
Hold until the beeping stops (approximately five seconds).

If beeping does not start, repeat until successful.

**Step 2**
Press both the up and down arrows for the back rest control function simultaneously and hold until all the motors have stopped moving.

The chair will now respond to your hand control. You may also need to set the memory buttons as explained under ‘Changing memory buttons’ on pages 14 and 15.
Positioning and removing the arm rests
Positioning the arm rests

The arm rests can be raised and lowered according to patient and nurse needs. The arm rest can be lowered and locked to seat height enabling greater patient access including patient transfer.

To raise the arm rest

Step 1
Unlock the arm rest by grasping the black handle on the side of the chair.

Step 2
Pull the handle away from the chair until the handle is at a right angle to the chair.

Step 3
The arm rest will rise to a pre-set height. Alternatively lift the arm rest to the desired height.

Step 4
Relock the arm rest by pushing the black handle back to its original position.

To lower the arm rest

Step 1
Unlock the arm rest by grasping the black handle on the side of the chair.

Step 2
Pull the handle away from the chair until the handle is at a right angle to the chair.

Step 3
Place hands directly over the vertical pole that supports the arm rest and push straight down.

Step 4
Relock the arm rest by pushing the black handle back to its original position.
Positioning and removing the arm rests
Removing the arm rests

The arm rests can be easily removed from the chair.

To remove the arm rest from the chair

Step 1
Unlock the arm rest by grasping the black handle on the side of the chair.

Step 2
Pull the handle away from the chair until the handle is at a right angle to the chair.

Step 3
Pull the arm rest post straight up and out of the arm rest holding bracket.

5kg

NOTE
The arm rest assembly weighs approximately 5kg, so be prepared to carry this weight.

To fit the arm rest to the chair

Step 1
Place the black handle on the side of the chair at a right-angle to the chair.

Step 2
Slide the arm rest post into the holding bracket until the desired height is achieved.

Step 3
Relock the arm rest by pushing the black handle back to its original position.
Cleaning should conform to the standards set by the hospital. Please refer to the operating manual for detailed cleaning guidelines.

Thoroughly wipe all surfaces clean with a suitable cleaning agent. For upholstery longevity, it is recommended that surfaces are wiped down with water after using chemical cleaning agents. All materials used in the manufacture of the chairs are suitable to be cleaned with standard hospital cleaning products. To ensure suitability, a test should be carried out on an inconspicuous piece of material, or on a sample provided by the manufacturer.

Upholstery can be removed to enable a more thorough clean.

Press memory button 3 on the hand control. This will raise and position the chair for cleaning.
Cleaning and removing upholstery

Back rest

To remove the back rest
Apply gentle force at the top rear of the back rest to unclip the plastic holders from the chair frame and lift the back rest up and away from the chair.

To replace the back rest
Ensure the metal lip at the base of the seat rests on the receiving frame of the chair. Once in the correct position, push the top of the back rest into place ensuring the plastic clips properly lock onto the chair frame.
Cleaning and removing upholstery
All-over leg rest (if applicable)

The all-over leg rest is an optional feature in the T688 Medical Treatment Chair range. The all-over leg rest can be removed for cleaning purposes.

To remove the all-over leg rest
To avoid unnecessary bending, press memory button 3 on the hand control to raise the chair to a suitable working height.
• Locate the elastic loops under the foot rest and unclip from the plastic anchors.
• Repeat this step in the gap between the seat and the back rest. It may be easier if the back rest is removed.

To replace the all-over leg rest
To replace the all-over leg rest repeat the steps in reverse.
• Attach elastic loops to the anchor points located between the seat and the back rest.
• Attach the elastic loops to the anchor points located under the foot rest.
Cleaning and removing upholstery

Seat cushion

The seat cushion can be removed from the frame of the chair should a thorough clean be necessary.

To remove the seat cushion
• Place hands at the front of the seat (near where the knees would be positioned) and apply a gentle pulling force upwards. The plastic clips located on the seat will come away from the frame.
• Lift the seat cushion up and away from the frame.
• Clean the seat and frame as required.

To replace the seat cushion
• Ensure the metal lip at the base of the seat fits into the receiving ledge located on the chair frame.
• Ensure the leg rest flap is attached to the round frame tube.
• Position the plastic clips located at the front of the seat onto the round frame tube.
• Ensure the frame and clips are properly aligned before applying a gentle downwards force.