

FAST & FLUID MANAGEMENT

TMHC

ENGLISH

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TmHC Manual

Safety instructions

General safety instructions



Attention! Before installing the equipment and setting it in operation, please read this manual carefully. This is safer both for yourself and the machine.


The manufacturer accepts no liability if the instructions below are not followed:

1. If the TMHC has been damaged (e.g. during transport), do not attempt to set it in operation. When in doubt, contact either your supplier or the (F&)FM service department.
2. The equipment should be positioned and connected up in strict accordance with the installation instructions.
3. All local safety regulations and ordinances should be observed.
4. The machine may be connected only to a 230V/16A/50Hz or 110V/25A/60HZ earthed wall socket installed in accordance with the regulations.
5. Users should see to it that the machine is kept in good condition. Defective components should be replaced by qualified personnel only.
6. In order to prevent physical injury, the doors should be closed and the paneling fitted during normal use.
7. All service activities (other than routine maintenance and adjustments) may only be carried out by qualified technicians. See to it that the mains lead is always kept unplugged while repairs are being carried out.

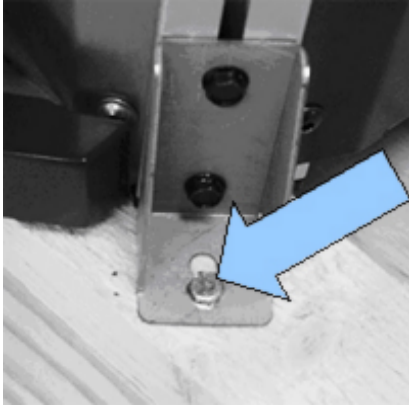


Attention! When encountering a malfunction or error, always try resetting the machine first before opening the front door. This can be done by switching the machine off and back on.

Installation

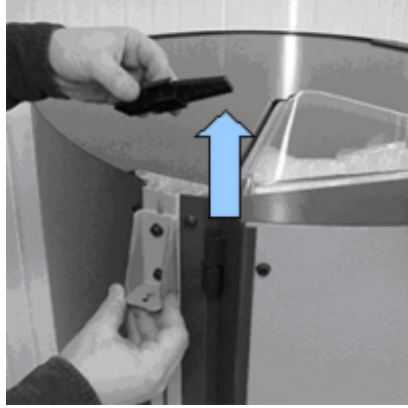
 Attention! Please do not switch on the machine before removing the transport protection (roll of packing foam) as explained in step 2

Step 1 - Detach the TMHC from its transport skid



Place the skid close to the end destination and remove its plastic wrapping. Unscrew all four transport brackets.

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The brackets can be removed at the top of the aluminum corner beams.

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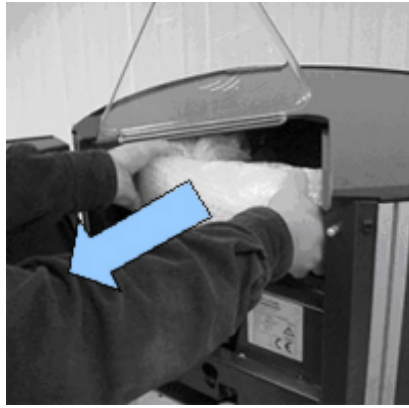
Bring the TMHC to operation location, lift at the lower side panels (two people can lift the TMHC).

 Attention! Please take care not to damage the TMHC surfaces while removing packaging (e.g. with knife).

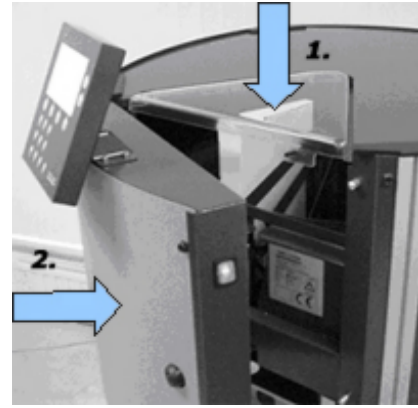
Step 2 - Remove transport protection



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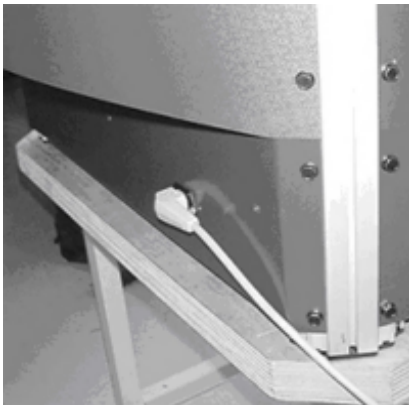


Unlock the front door, a triangular key is supplied with the machine.

Pull out the roll of foam.

Close the top lid first, then close (and lock) the door.

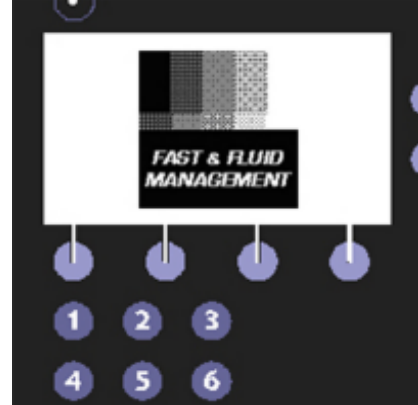
Step 3 - Hook up TMHC to power outlet



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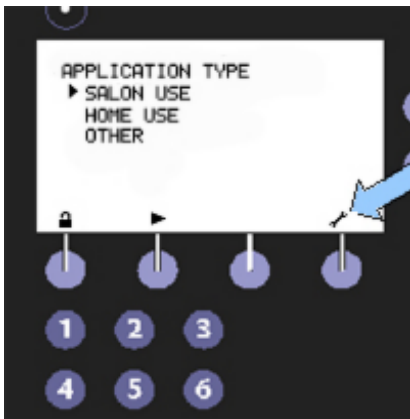
Connect the power cable to a wall socket.

Switch on the TMHC.

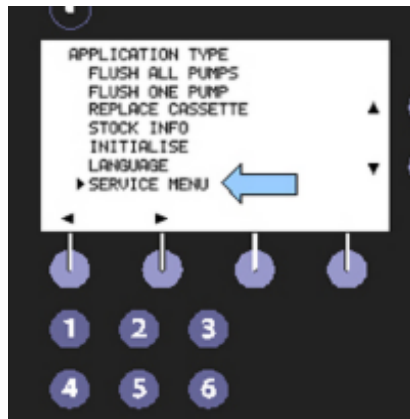
After the board initialisation (appr 10 seconds), the screen will show your logo.

 Attention! Please do not switch on the machine before removing the transport protection (roll of packing foam) as explained in step 2

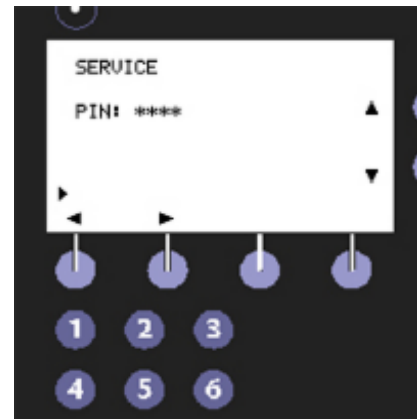
Step 4 - Place cassettes for first use



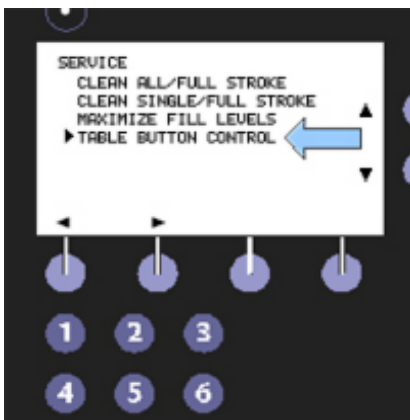
Press any key to enter the main menu (the machine will initialise once more), enter the maintenance menu.



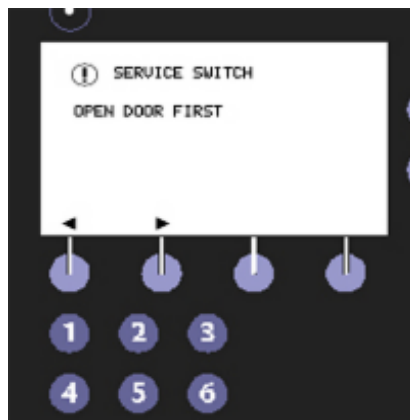
Enter the service menu and press the '>'-key.



Enter your Personal Identification Number (pilot machines: 0252) and press the '>'-key.



Choose the 'button control' function to allow manual positioning of the table.



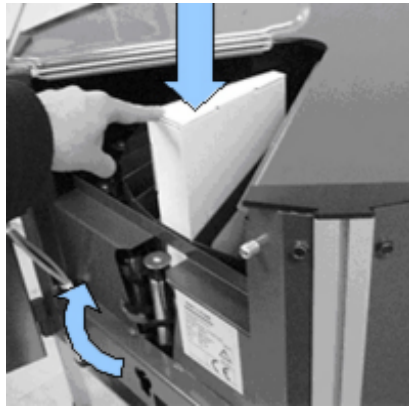
Unlock and open door and press the '>'-key.



In the pilot version of the TMHC, pump handles have been secured for transportation. Remove the one visible in the front position.



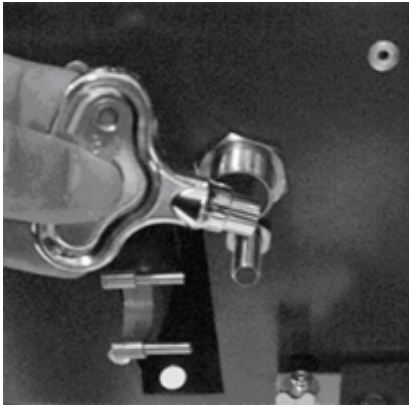
Lower the handle to its bottom position.



Press the cassette down to the snap. The handle will automatically rise back up



Ensure the connection by pressing the handle firmly against the pump.



Hold key in front of sensors on inside of the door to move table to next position.



Repeat cassette placement procedure for all positions.

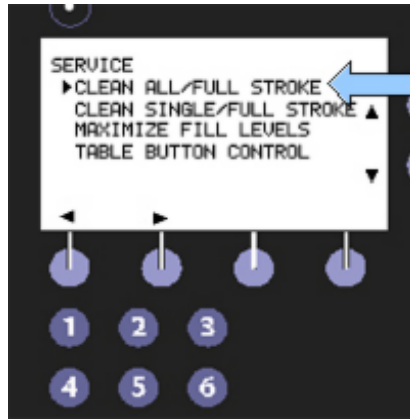


Close the top lid first, then close (and lock) the door.

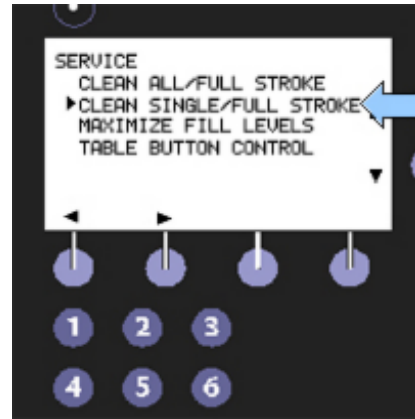
Step 5 - Prime (=flush) for first use



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Return to the Service Menu and choose the 'maximize fill levels' to reset the pouch level parameters.

Place an empty container and choose the 'clean all' function flush air from the system. This will take a few minutes. Viscose materials (yoghurt-like) may need upto 5 strokes to fully purge.

For highly viscose products requiring many prime strokes, it may be practical to flush these seperately. Choose 'clean single'.

Maintenance

Daily maintenance



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Open the TMHC door and remove the steel drip tray. Clean with water if soiled.

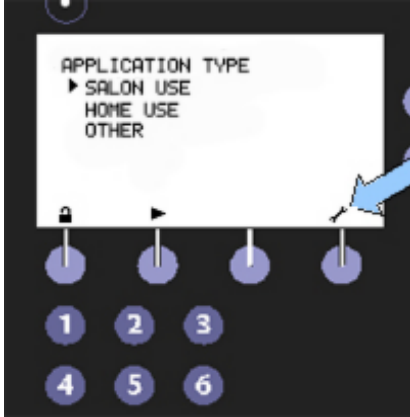
Pull out the brush tray and rinse with water. Refill with water, approximately 30ml.

If severely soiled, the brush can be removed from the tray for cleaning.

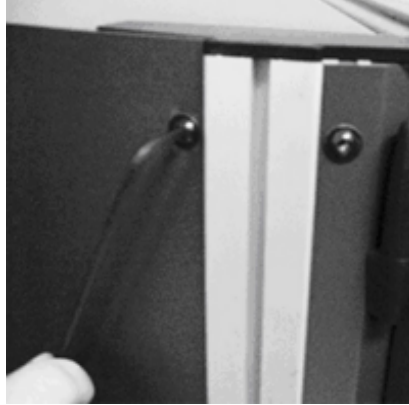
Service

 When (re)placing the front panel on the door's framework, make sure the door is closed and locked. This guarantees the door's relatively flexible framework is 'stiffened' in the correct shape and position.

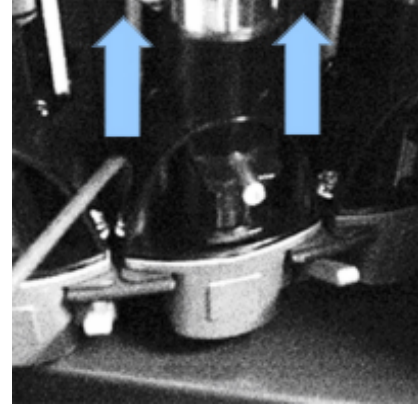
Pump & box holder module replacement



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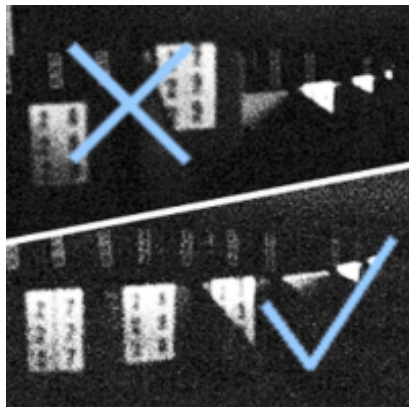
Choose: Maintenance > Go To > Position and enter desired value +6 to have the defect module position to the left-hand side of the TMHC.

Remove the left-hand side panel by unscrewing its four fasteners.

Remove screws on either side of the pump.



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The complete module can now be shifted outward and removed.

When placing the new module, place ensure its rear 'hook' is correctly inserted in its slot on the table. If not, the back of the module will not align.

Press the disc fully down and the valve handle up.

 In the unlikely event of a box holder or pump being damaged, we suggest to replace the whole module.

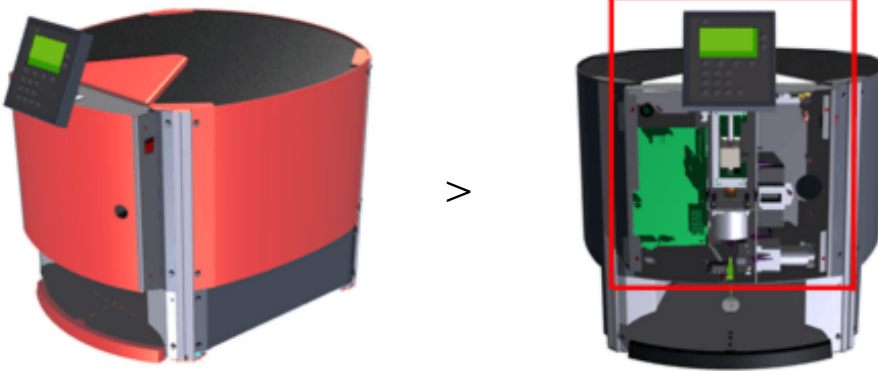
Contributing to the Protection of the Environment

Packaging Material

The packaging protects the machine against damage during transport. The packaging material was chosen based on its limited impact on the environment and its inherent possibilities for waste-disposal. The reuse of packaging material saves raw materials and produces less waste material. Generally speaking, your supplier will take the packaging off your hands.

Discarding the Machine

Discarded equipment usually still consists of valuable materials. For this reason, do not simply throw your machine out with the oversized refuse, but ask your supplier whether he will take the machine back. If he will not, then enquire at your local government offices or ask a trader of raw materials what options there are for recycling the material (e.g. scrap processing, electrical components and plastic (see below for additional information)).



All red-coloured components are made of ABS. These components can be recycled.

Inside the red square pictured above (on the front of the dispenser) are electrical components that can be recycled.

