

# Mould Room table

## User manual

### General information

The Mould Room table is meant to be used to achieve a correct working height, so the operator can work with the patient under ergonomic correct conditions.

The equipment may only be used for medical treatment, with one patient at a time.

The patient shall be in following position on the board: lying on the back.

The patient shall have a weight less than 250 kg distributed load according to DS/EN 60601.

During use, the board shall always be held in horizontal position.

### Storage and cleaning

Store in a clean, dry place away from direct sunlight. Wipe thoroughly with a neutral antiseptic cleaner. Allow to dry thoroughly before next use.

### Product specifications

Subject	Value
Dimensions (B x L x H)	2400x500x620-1020mm
Weight	120kg
Electrical connection	Electric supply: 230 V Frequency: 50 / 60 Hz
Lifetime for the Board, based on the assumption that, service and maintenance has been carried out according to this manual.	20 years
Working temperature	$+5 < T_{amp} < +30 \text{ }^{\circ}\text{C}$
Environment	Only dry indoor conditions
Noise	< 65 dBa
Light over the board	Min. 200 Lux
Use in explosive environment (ATEX)	May not be used in ATEX areas
Use in food industry	May not be used in the food industry

### Setting up and preparation for use

The Board shall be fastened to the floor before use.

Drill 4 holes in the floor and use 4 M12x120 mm expansion bolts.

Be sure that the floor is minimum 100mm concrete.

### Description of equipment

The Mould Room table has hand operated lifting control and have a lifting height of 620-1020mm. The lifting capacity is 400kg and the maximum patient weight is 250kg.

The tabletop is made from high quality carbon fiber that measures 2400 x 500mm.

### Emergency stop

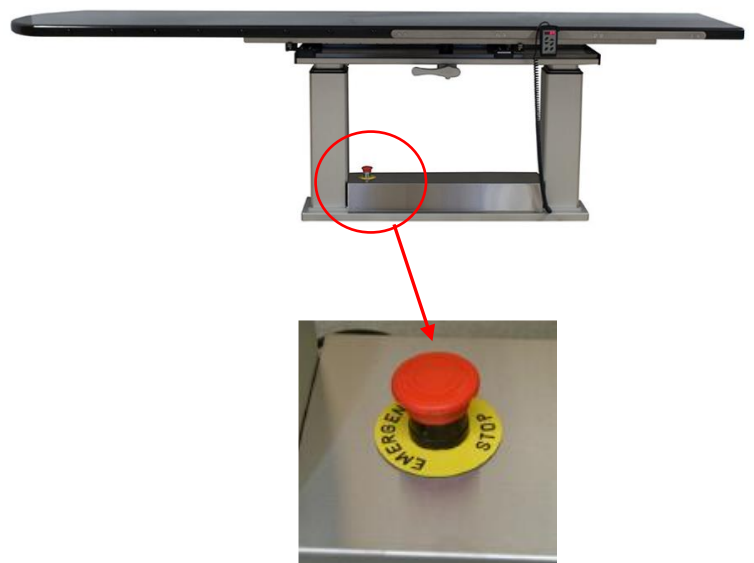
If you want to shut down the actuators, in case of emergency, just press the red button.

To release the emergency stop, turn the button clockwise.

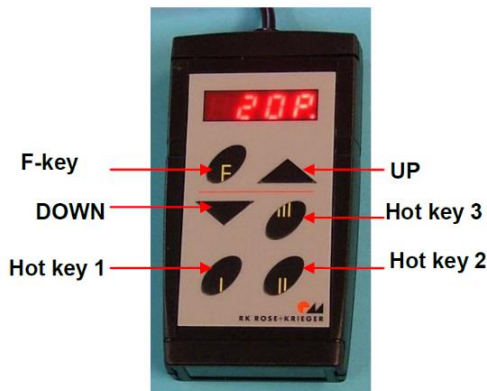
Stop category = 0

PL = a

EN ISO 13850



## Remote controller buttons



## Starting up and performing an initialization run

The initialization run can be performed as follows with any hand switch if error E000, E010 or E021 is present.

Ensure that all drives and controllers are interconnected and that the main plug is not connected. If you have pulled out the main plug to perform an initialization run, wait for at least 30 seconds before plugging it back in.

1. Keep the UP and DOWN key on the hand switch pressed.  
Plug the main plug in and wait for about 5 seconds. Note: The software release (e.g. "0217"), the type of lifting column connected (e.g. "-20-")
2. Release the DOWN key.  
Press the DOWN key again and keep it pressed until all drives have moved to or are at the lower end stop.  
Note: When the lower end stop is reached, "(In U]" appears in the display.
3. Press the UP key and keep it pressed until all drives have moved to the upper end stop. Should it be impossible to reach the top end stop, the initialization run can be ended in any position by keeping the DOWN key pressed for 5 seconds. The position is the new end stop for the drives.

The initialization run is complete. The controller is now ready for operation.

## Operation

Using the UP/DOWN buttons on the hand switch, the actuators can be raised or lowered in synchronism.

The selected user level and the stored position are still stored, even after switching off the control.

## Storing and driving up to position

Besides moving the drives manually with the UP and DOWN keys, you can also store positions and drive up to these.

Up to 3 users can store up to 3 positions each, i.e. up to 9 positions in all.

We recommend that you use position storage only if the drives have to be driven by different users into constantly recurring positions.

## Storing positions

A position is stored in a 2-step sequence.

In the first step, the user gives his instructions via a user level.

In the second step, the position is placed on a storage key.

## Determining users

Example: You want to store your positions as user 1.

1. Press the F key until the last selected user appears in the display (e.g. "USE.3")
2. Press storage key 1 within 5 seconds. "USE.1" appears in the display.

You have selected user 1.

Now you can store a position on a hot key as user 1.

## Place position on a hot key

Example: You would like to store the position "50 P." on hot key 2.

1. Move the drives with the UP or DOWN keys until "50 P." appears in the display.
2. Press the F key until "POS.-" appears in the display.
3. Press hot key 2 within 5 seconds.

You have placed the position on hot key 2.

You can now drive up to the position with hot key 2.

## Drive up to stored position

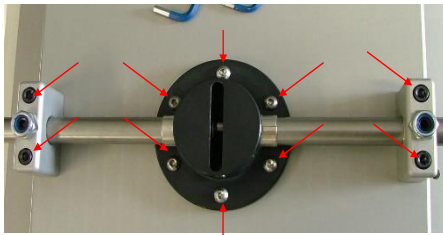
Example: You want to drive up to the stored position 50P. using the hot key. The position is placed in user level 1 on hot key 2:

1. Press the F key until the last selected user level appears in the display (e.g. "USE.2").
2. Press hot key 1 within 5 seconds. "USE. 1" appears in the display. You have selected the correct user level.
3. Press hot key 2 and keep it pressed until the drives have moved into the stored position.

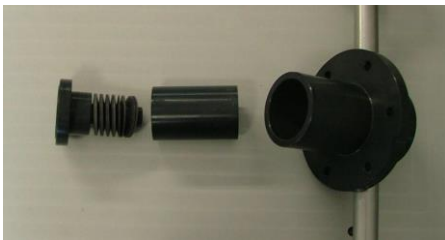
If the correct user level is already set (User level 1 in the example), you can drive up to the desired position, without selecting the user level beforehand.

## Adjusting brake

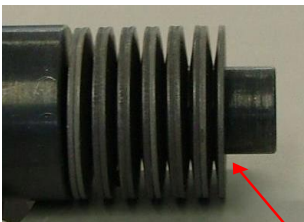
1. Remove screws and lower the brake unit.



2. Disassemble the unit.

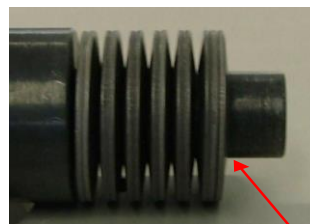


3. Add or remove Belleville spring to tighten or loosen the brake.



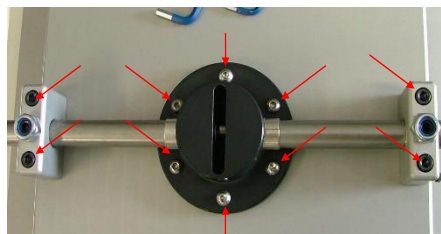
Placed this way will add aprox. 2 mm.

4. Add or remove Belleville spring to tighten or loosen the brake.



Placed this way will add aprox. 1 mm.

5. Replace the brake and tighten all screws.



## Be aware!

When the brake is in LOCK position, it must NOT lift or bend the plates.