OPERATION
INFORMATION

INITIALIZATION/RESET

The desk may need to be initialized/reset after any of the following:
- After assembly
- After disconnection from the power supply
- After any impact on the table top.

To initialize/reset, you will need to move the table to the lowest position by holding the DOWN button of the handswitch until all columns reach the lowest position. Then press the DOWN button again and hold it pressed for five seconds or until a slight movement of the table drops down to the machine zero point and back up to the operation zero point. Once the table stops moving, release the DOWN button. If the button is released too early, this leads to a malfunction of the table and you must repeat the reset process.
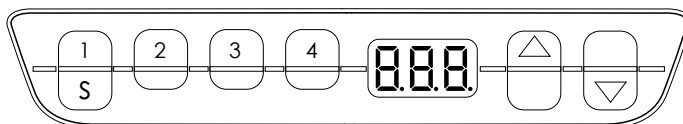
The upper height position is programmed into the control box. For this reason, only use the control box that has been provided with the specific table frame. **Under no circumstance should a control box from one table be moved to another.**

NORMAL HANDSWITCH OPERATION (for all handswitch types)

By pressing the UP or DOWN buttons, the table will move up or down to the desired position. Once the desired position is reached, let go of the UP or DOWN button. The table will stop once it reaches the lower or upper height position.

PROGRAMMABLE HANDSWITCH OPERATION (optional)

This programmable handswitch is equipped with a display for showing the current table height in centimeters or inches.

The handswitch also will display an error code if an error is detected by the control box. When an error is detected, the display will show an error code "EXX," instead of the current table height. To resolve the error, see the Troubleshooting Section (p. 16-17 of this guide).

The programmable handswitch also has the ability to save up to four different height positions.

PROGRAMMABLE HANDSWITCH OPERATION (continued)

CHANGE THE HEIGHT UNIT (inches or centimeters)

The height display of the handset can display either centimeters or inches. With the help of the S5-menus, the unit can be changed. If the display was originally set to centimeters, then after the procedure noted below it will change to inches or vice versa.

To change the unit, follow these steps:
1. Press and hold the 1, 2, and UP buttons for 5 seconds until the display shows "S 5".
2. Confirm by pressing the "S" button. Now the display will have changed.

To exit the menu without making a selection, wait approximately 10 seconds until the height display appears again.

ADJUSTMENT OF THE HEIGHT DISPLAY

If the indicated value does not match the actual height of the table top, the display can be corrected as follows:
1. Press and release the "S" button.
2. Press and hold the DOWN button for 5 seconds until the display starts to flash.
3. Measure the table height and enter the measured value (depending on the setting in centimeters or inches) with the UP or DOWN button. Confirm the entry by pressing the "S" button.

To exit the menu without making a selection, wait 10 seconds and the height display will appear again.

SAVE MEMORY POSITION

Drive the table up or down to the desired height. Press the "S" button (in the display "S -" is shown.) Select a position by pressing on any of the four number buttons, 1-4, (the display will show the setting as "S1"). The save position procedure is confirmed by the control box with a double click sound. After approximately 5 seconds, the display shows the current table height. Repeat steps to save a maximum of four different positions.

RECALL MEMORY POSITION

Press and hold the desired memory location button (1, 2, 3 or 4) and the table moves independently from the current position into the saved position. The button must be pressed until the position is reached. If the button is released, the table will stop short of the desired height.

TROUBLESHOOTING

UNIT

ERROR CODE	SOURCE	SOLUTION
Table does not move	No power supply	Plug in the power cord or check the connection on the control box
	No connection or a loose connection to the drives	Verify the plug connections of the motor cable to the control box
	No connection or a loose connection to the handswitch	Verify the plug connections of the motor cable to the control box
	Max lifting capacity is exceeded	Reduce the weight or load on the desktop
	Max time limit is exceeded	Control is activated automatically after approx. 9 minutes
	Defective drive	**Contact customer service**
	Defective control box	**Contact customer service**
	Handset is defective	Replace the handset
Table moves down at a slow rate	Control box expects new reset	Reset control box. (See page 18)
During operation, tables moves at a slow rate	Max lifting capacity is exceeded	Reduce weight
Table moves on one side only briefly and then stops	No connection or a loose connection to the drives	Verify the plug connections of the motor cable to the control box and reset the control box
	Defective drive	**Contact customer service**

HANDSWITCH DISPLAY

ERROR CODE	SOURCE	SOLUTION
HOT	The control box monitors the duty cycle (time-controlled) and its max temperature. A value has been exceeded.	Wait until the "HOT" display goes out - the table is working properly again
E00	M1 – Internal Fault	Unplug and **contact customer service**
E01	M2 – Internal Fault	
E02	M3 – Internal Fault	
E12	M1 – Defect	Unplug. Correct the external short circuit and/or verify the cable to the drives. Plug cables into the control box and re-run table.
E13	M2 – Defect	
E14	M3 – Defect	
E24	M1 – Overcurrent	Collision ⟶ resolve if necessary
E25	M2 – Overcurrent	Max load exceeded ⟶ remove excess load from the table
E26	M3 – Overcurrent	If the problem still exists, please **contact customer service**
E36	M1 – Not connected	Motor not connected. Check cable / connector to the drive. Reset the table (see page 18).
E37	M2 – Not connected	
E38	M3 – Not connected	
E48	Overcurrent drive 1	Collision ⟶ resolve if necessary
E49	Overcurrent drive 2	Max load exceeded ⟶ remove excess load from the table
E55	Drive 1 - Synchronization is lost	If necessary, reduce the load on the table
E56	Drive 2 - Synchronization is lost	Reset the table (see page 18)
E60	Collision identified	Option ISP function. Remove source.
E61	Drive replaced	The connection to the drive is interrupted or a new drive is connected. Reset the table (see page 18).

If it is not possible to resolve an error as described, disconnect the power cord, wait a few minutes and reset the table again.
If the error still occurs, remove the table from the power source and contact customer service.
(Error Code list is valid from firmware 1.7.5 and higher)