

I. Company address

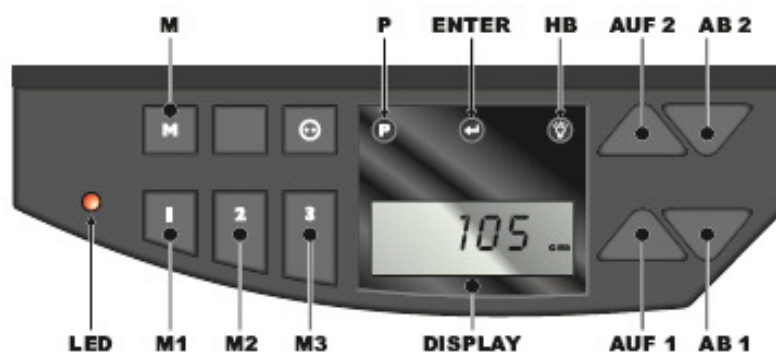
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II. Relevant article

Article-number 14393 CLEANlift memory switch

III. Product illustration



IV. Functions

1. Controller initialization

The controller is initialized by pressing and holding the **UP 1** and **DOWN 1** buttons simultaneously. The drives then run downwards to the mechanical stop and then shut down automatically. Then, release the buttons.

The controller confirms the initialization procedure by beeping an acoustic signal 3 times. The controller is now ready for use.

2. Set table height manually

By pressing the **UP 1** button the table moves upwards. Pressing the **DOWN 1** button moves the table downwards.

The drives keep moving as long as the keys are being pressed.

3. Set table's second height manually

By pressing the **UP 2** button the table moves upwards. Pressing the **DOWN 2** button moves the table downwards.

The drive keeps moving as long as you are holding down the keys.

4. Save table position (memory function)

Set the desired table position with the **UP 1, DOWN 1** or **UP 2, DOWN 2** buttons. Press the **M** button 3 times to get to the memory mode.

Then press within 5 seconds one of the buttons **M1, M2, M3** to save the set positions.

The controller confirms the settings with an acoustic signal.

5. Load saved settings

Press the appropriate button **M1, M2 or M3** until the corresponding position is reached and the drives are automatically switched off.

V. Warning and error messages

Warning and error messages are shown on the display of the controller.

These messages are generated by the controller and provide information about possible malfunctions and their causes.

1. Warning messages

Code	Source/Cause	Error correction
A0	SC-Reset OK	
A99	Display overflow	
A100	Force reset	Initialize the controller.
A101	Child safety lock	The controller has detected that the child safety lock is activated. In order to move the table, deactivate the child safety lock.
A102	Two-hand control, lock	A second manual switch with just one key is connected to the controller. Press this key together with the UP 1 or DOWN 1 key to release the drive.
A103	Two-hand control, missing key	The controller is configured for operation with a manual release switch (two-hand control). The release switch is either defective or not connected. Connect the release switch or replace it.

A105	Missing safety strip	The controller has detected that the safety strip (jamming protection) is not connected or is defective. Connect the safety strip or replace it
A111	Drive monitoring	The controller has detected an error in the operation of the table. The table could be jammed or overloaded, or a motor is not properly connected to the controller. Eliminate the error and then move the table briefly in the opposite direction.
A112	Hall-Sensor, No Signal	
A113	Hall-Sensor, wrong motor direction	
A114	Missing motor, no connection	
A115	Missing motor, no current	
A121	Connection error 2. control	The 2nd controller is not responding, time-out.
A122	Connection error 2. control	Transmission error, checksum
A123	Connection error 2. control	Conflicting data sets
A124	Connection error 2. control	Difference too large. The controller must be initialized.
A201	Duty cycle, lock	The drives have been operated longer than permitted. In order to prevent an overheating of the controller, operation has been locked for the following minutes. After this protection period, the drives can be operated again.
A202	Overheating	
A215	Overcurrent drive	

2. Error messages

Code	Cause	Error correction
E105	Short circuit safety strip	
E106	Short circuit manual switch connection	The controller has detected a short circuit at the manual control switch connection. Operation of the control is inhibited for approximately 10 seconds. Eliminate the error. Thereafter, the controller must be initialized.
E212	Hall-Sensor short circuit	The controller has detected a short circuit in the Hall sensor of one or

		more drives. Operation of the control is inhibited for approximately 10 seconds. Eliminate the error. Thereafter, the controller must be initialized.
F215	Motor connection short circuit	The controller has detected a short circuit in the power supply of one or more drives. Operation of the controller is inhibited for approximately 10 seconds. Eliminate the error. Thereafter, the control must be initialized.
F222	EEPROM read/write error	
F233	MOSFET defect	