

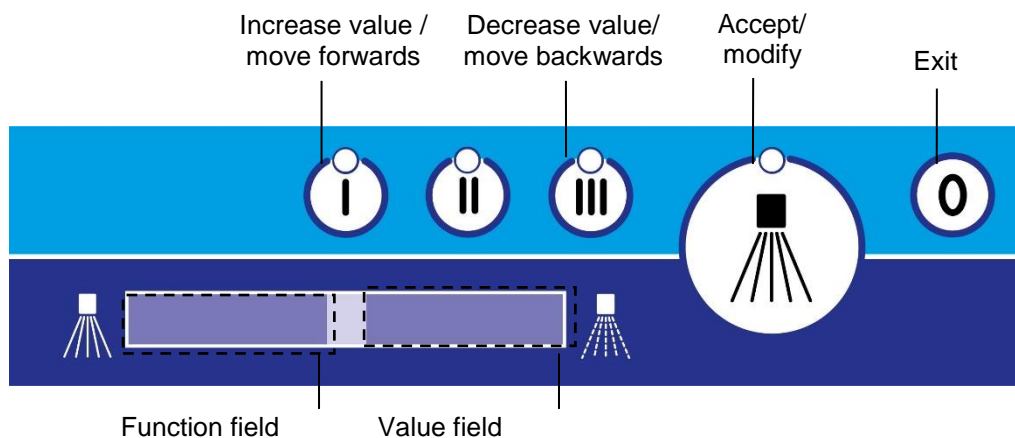
Quick programming instructions

TopClean 60 M2



02.20/K-PROG_TopClean 60_M2_9715191_EN.docx
Update:

Keyboard use during programming



General:

In order to programme the drive, the power supply must be ensured, and the machine must be completely switched off (no LED must be lit).

Code – entry:

View service data: **CODE 10000**

Modify service data: **CODE 10001**



To get into the code entry mode, you should keep the “0” key pressed (for around 3 seconds) until you see **Code 1----** on the display unit. By pressing the “0” key

once again, you can leave the programming area at any time.

The digit to be modified will flash. Using the key “I” will increase the display unit values, which will be accepted by using the “accept” key. You should select each of the digits in this way one after the other, until the code has been completely entered.

If your entry is incorrect, you will leave the code entry procedure, and the information code 122 will be displayed. If you enter all the digits correctly, you will arrive at the service level.

You can move forwards using the “I” key, and backwards using the “III” key.

The following main positions are available on the service level:



- 1-1 ---- View / modify parameters
- 1-2 ---- Ventilate rinse aid inlet
- 1-3 ---- Ventilate detergent inlet
- 1-5 ---- Resetting the partial desalination display

View parameters:

1-1 ---- Accept the position using the “accept” key, or use the “I” or “III” keys to select the parameters. On the left, the parameter Pxxx will be displayed, and on the right, the value belonging to it. You can use the “0” key to go back one level.

Modify parameters:

1-1 ---- Choice of parameters as when viewing, but access is via code for “modify service data”.

To modify one of the parameters, select it by using the “accept” key – the value will flash.

Select the value by using the “I” key or the “III” key, and save using the “accept” key. You can leave the current level and go back to the previous level by using the “0” key.

Ventilate rinse aid inlet

1-2 ----

Ventilate detergent inlet

1-3 ---- (Not applicable with vacuum dosing ADT)

Select the position you require. The selected dosing pump will be energized and the remaining running time will be displayed.



Exit the ventilation programme by using the “exit” key.

Information/ error display:



If you receive an information message, you must follow the instructions. The rinse operation will still be possible.



If you receive an error message, no further rinse operation is usually possible. Notify customer service.

Parameter mode

Attention: the modification of factory set parameters may cause the restricted overall operation of the machine. In case of arbitrary modification of parameters by unauthorized personnel, guarantee claims will become invalid.

Par. no.	Service parameters/ setting options	Use as	Value range	Unit	Factory setting	Observation
101	Rinse programme / key 1	Parameter	1 .. 50	-	23	Assign rinse programme no. to key 1; verification adjustable
102	Rinse programme / key 2	Parameter	1 .. 50	-	27	Assign rinse programme no. to key 2; verification adjustable
103	Rinse programme / key 3	Parameter	1 .. 50	-	39	Assign rinse programme no. to key 3; verification adjustable
104	Rinse aid dosing quantity	Parameter	0,10 .. 1,00	ml/liters of water	0.2	Value must be set approximately according to manufacturer's information, then it must be corrected depending on the water hardness and the rinse result.
105	Detergent dosing quantity	Parameter	0,1... 20,0	ml/liters of water	2.0	Value must be set approximately according to manufacturer's information, then it must be corrected depending on the water hardness and the rinse result.
106	Hardness degree	Parameter	0 .. 50	°dH	30	The quantity of soft water available between two regenerations depends on the hardness of the water.
107	Switch beep on / off	Parameter	0/1	-	1	Switch acoustic ready message on / off by beep
108	Mode "Clear" display	Parameter	0/1	-		"Clear" display 0: Via INFO 420 1: Display of special characters
109	Partial / full desalination available?	Parameter	0,1,2	-		Partial / full desalination available? 0: No 1: Partial desalination (TE) 2: Full desalination (VE)
110	Hardness litres per cartridge type	Parameter	0 .. 250	1000 L		When the cartridge's capacity is reached (hardness litres/degree of hardness), "Replace Cartridge" will be displayed (INFO 725) (only in the case of TE)
111	Total operating time display	Display	5-digit	Hrs.	0	Operating time, query only
112	Total number of cleaning cycles	Display	5-digit	-	0	Cleaning cycles / loads, query only
113	Number of cleaning cycles since last reset	Display	5-digit	-	0	Cleaning cycles / loads, resetting possible
114	Serial number	Display	8-digit	-	Serial number	Possibility of querying factory settings Attention: the first 5 digits will be displayed in rotation with the last 3 digits!

Par. no.	Service parameters/ setting options	Use as	Value range	Unit	Factory setting	Observation
115	Condition Remaining cartridge capacity	Indication	0 .. 100	%		Only for partial / full desalination: TE: Indication in %, VE: 100 = OK; 0 = Replace
119	IR-communication	Parameter	0/1	-	1	It is possible to shut off communication via IR interfaces.
120	Load factory setting service parameters	Parameter	0/1	-	0	Effective only upon power supply reset ON / OFF. Attention! All changes to service parameters will be reversed. Power supply reset must be carried out within 5 minutes, otherwise factory settings will not be loaded. Without power supply reset, the information 123 will be displayed.

Rinse programme parameters 101-103

Rinse programme no.:	Boiler temperature target value	Cleaning time target value	
		Cleaning	Total
23	83	341	360
27	83	461	480
39	83	341	360 (WW)

WW = Water change program

Details of further pre-defined rinse programmes are given in the Operating Instructions.