

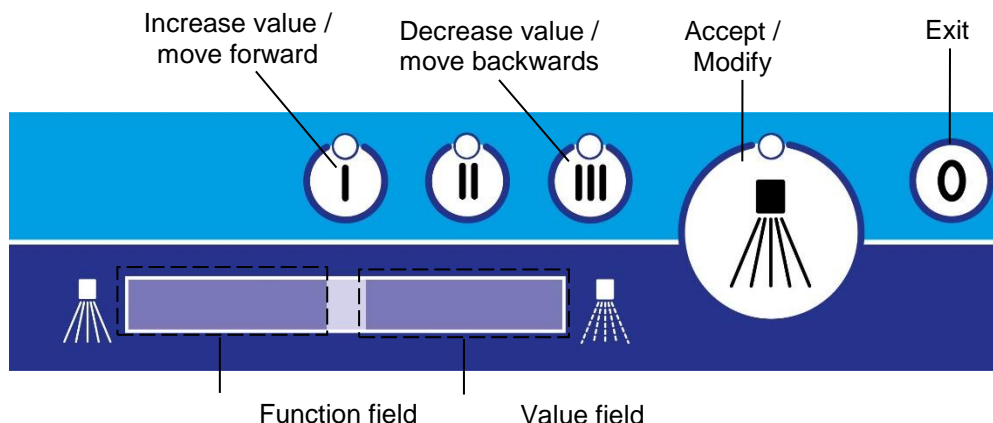
# Quick programming instructions

TopClean M / TopClean M M2



K-PROG\_TopClean M\_M2\_9715244\_EN\_2013-04.docx

## Using the keyboard for programming



### General:

For control programming, the power supply must be available but the machine must be completely switched off (no LED must be illuminated).

### 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 key "0" 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** ---- Parameter sichten / ändern

**1-2** ---- Ventilate rinse aid inlet

**1-3** ---- Ventilate detergent inlet

**1-5** ---- Reset display for partial demineralisation

### View parameters:

**1-1** ---- Accept the position using the "accept" key and 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** ---- (is not existing with depression 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 parameter / setting options	Use as	Value range	Unit	Factory setting	Note
101	Cleaning program / key 1	Parameter	1 .. 50	-	1	Assign cleaning programme no. to key 1; verification adjustable
102	Cleaning program / key 2	Parameter	1 .. 50	-	2	Assign cleaning programme no. to key 2; verification adjustable
103	Cleaning program / key 3	Parameter	1 .. 50	-	3	Assign cleaning programme no. to key 3; verification adjustable
104	Rinse agent dosing quantity	Parameter	0.10 .. 1.00	ml/liter 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 cleaning result.
105	Detergent dosing quantity	Parameter	0.1... 20.0	ml/liter 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	Degree of hardness	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 on/off acoustic "beep" ready message
108	Mode Empty indicator	Parameter	0/1	-		Empty indicator 0: via INFO 420, 520 1: display of special characters
109	Partial / full desalination available?	Parameter	0, 1, 2	-		Partial/full demineralisation available ? 0: NO 1: Partial demineralisation (TE) 2: Full desalination (VE)
110	Hardness litres per cartridge type	Parameter	0 .. 250	1000 l		"Replace cartridge" is displayed when the cartridge's capacity is reached (hardness litres/degree of hardness) (INFO 725) (only for TE)
111	Total operating time display	Display	5 figures	h	0	Operating time, query only
112	Total number of wash cycles Total number of wash cycles	Display	5 figures	-	0	Wash cycles / loads, query only
113	Total number of wash cycles since last reset	Display	5 figures	-	0	Wash cycles / loads, resetting possible

Par. no.	Service parameter / setting options	Use as	Value range	Unit	Factory setting	Note
114	Serial number	Display	8 figures	-	Serial number	Possibility of querying factory settings Attention: the first 5 digits will be displayed in rotation with the last 3 digits!
115	Condition remaining cartridge capacity	Display	0 .. 100	%		Only for partial / full desalination: TE : indication in %, VE: 100 = OK; 0 = replace
119	Beep ON/OFF	Parameter	0/1	-	1	It is possible to shut off communication via IR interfaces. (0)
120	Load factory setting service parameters	Parameter	0/1	-	0	Effective only upon power supply reset ON/OFF <b>Caution!</b> 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.

#### TopClean M

Cleaning program no.	Boiler temperature target value	Wash time target value	
		Washing	total
1	55	584	600
2	55	704	720
3 (WW)	55	886	900

WW = Water change programme

#### TopClean M M2

No.	Setpoint boiler temperature	Setpoint tank temperature	Setpoint cleaning time	
			Cleaning	Total
	[°C]	[°C]	[s]	[s]
1	59 (54)*	61 (56)*	335	360
2	59 (54)*	61 (56)*	515	540
3 (WW)	59 (54)*	61 (56)*	695	720

WW = Water change programme (option)

\*) only in combination with Dr. Weigert neodisher Dekonta AF