

Programming a new DEMA Titan

New Program	➔	Press the up button until it says New Program						
Enter								
Control Mode	Enter	Auto Switchover	↓	Concentration	↓	Probeless		
↓								
Switchover Alarm	Enter	Active	↓	Inactive				
↑ or ↓								
Machine Type	Enter	Conveyer	↓	Door				
↑ or ↓								
Trigger Mode	Enter	Det./ Rinse	↓	No trigger	↓	Det. Only	↓	Rinse Only
↑ or ↓								
Dirty H2O Alarm	Enter	Inactive	↓	Active				
↑ or ↓								
Company Name	Enter	Your name here 800 4soapservice						
↑ or ↓								
Alarm Volume	Enter	0 - 10						
↑ or ↓								
Conc. Set Point	Enter	0 - 1000						
↑ or ↓								
Feed Rate	Enter	0 - 10						
↑ or ↓								
Alarm Time	Enter	5sec - 10min						
↑ or ↓								
Feed Limit	Enter	5sec - 10min						
↑ or ↓								
Recharge Time	Enter	1sec - 5min						
↑ or ↓								
Dead Cycles (door)	Enter	0 - 10						
↑ or ↓								
Dwell Time (conveyor)	Enter	1sec - 10min						
↑ or ↓								
Initial Charge	Enter	1sec - 10min						
↑ or ↓								
Charge Clock	Enter	5min - 16 hours						
↑ or ↓								
Rinse Speed	Enter	0 - 100%						
↑ or ↓								
Rinse Delay	Enter	0 - 15sec						
↑ or ↓								
Rinse Limit	Enter	**15 - 30s						
↑ or ↓								
Rinse Length	Enter	***5sec to 30sec						
↑ or ↓								
Sanitizer Speed	Enter	0 - 100%						
↑ or ↓								
Sanitizer Mode	Enter	Run with Rinse	↓	Run with Detergent				
↑ or ↓								
* Enter New Code	Enter	* User code		* Code		*New Code Saved		
↑ or ↓								
Enter New Code	Enter	Programming Code		Code		New Code Saved	Down Button	↓
↑ or ↓								
End Programming	Enter	Enter						

NEW PROGRAM
 This option will only be displayed if the dispenser has not been programmed the first time. Press ENTER to enter a new program. When entering a new program ↑ and ↓ are used to move to the next option. ← and → are ignored. If no key is pressed for two minutes, NEW PROGRAM mode will be exited, the company logo will be displayed, and all entries will be saved.

(Probeless Mode Only/Detergent Alarm)
Detergent Alarm Inactive ↓ Active
Detergent Type Liquid ↓ Dry

Note conveyor must be (--)

* User code eliminated for V2.7 and beyond
 ** Changed to 15 - 70s for V2.7 and beyond
 *** Changed to 5 - 75s for V2.7 and beyond

Changing the program after the Titan has been programmed.

Main

<u>Language</u> ↑ or ↓	Enter Portuguese ↓ Spanish ↓ French ↓ English
<u>Detergent Prime</u> ↑ or ↓	Enter to Start Enter to Stop
<u>Rinse Prime</u> ↑ or ↓	Enter to Start Enter to Stop
<u>Sanitizer Prime</u> ↑ or ↓	Enter to Start Enter to Stop
<u>Det. SP input</u> ↑ or ↓	Det. C= concentration or P = Probeless SP = Set point INPUT = reading the water
<u>Rack Count</u> ↑ or ↓	
<u>Descale</u> ↑ or ↓	Enter to Start Enter to Stop
<u>System Access</u> Enter	

Enter code → (0000) ?
Enter

CHANGING SETTINGS
 All settings change the same way. Press ENTER to modify any setting. The cursor will be displayed (a flashing block format or an underscore for text entry). Use ↑ or ↓ to modify the setting. Press ENTER to save the result and clear the cursor. Use ← and → move the underscore when changing the display name.

To get out of programming subheadings hit the left arrow to get to **programming**. To get back to **main** hit the left arrow again. (just remember **Left** to get out of programming)

Programming

<u>Dispenser Set Up</u> ↑ or ↓	Enter Rack count reset ↓ Control mode ↓ Switchover Alarm ↓ Machine Type ↓ Trigger Mode ↓ Co. Name ↓ Alarm Volume ↓ Enter New Code	→ Enter left to reset auto switchover Concentration Probe-less inactive Active Door Conveyor Det. / Rinse No Trigger Det. Only Rinse Only ? ◀ and ▶ 0-10 to change code
<u>Concentration</u> ↑ or ↓	Enter Conc. Set Point ↓ Feed Rate ↓ Alarm Delay ↓ Feed Limit	→ 0 - 1000 0 - 10 5sec - 10min 5sec - 10min
<u>Probeless</u> ↑ or ↓	Enter Recharge Time ↓ D=Dead Cycles ↓ C = Dwell Time ↓ Initial Charge ↓ Charge Clocl ↓ Detergent Alarm	→ 1sec - 5 min 0 - 10 1sec - 10min 1sec - 10min 5min - 16hours Active -Inactive D = Door C = Conveyor
<u>Rinse Control</u> ↑ or ↓	Enter Rinse Speed ↓ Rinse Delay ↓ Rinse Limit ↓ Rinse Length	→ 0 - 100% 0 -15sec 15sec - 70sec 5 - 75sec Note: On Conveyor Rinse Limit must be (-)
<u>Sanitizer Set up</u> ↑ or ↓	Enter Sanitizer Speed ↓ Sanitizer Mode	→ 0-100% w/Det. Or w/Rinse
<u>Diagnostic Mode</u> ↑ or ↓	Enter Det, SP, input ↓ Feed; Over / Under ↓ Probe; Open / Short	→ C + ??? Water Enter left to reset Enter left to reset

C (+) = Concentration mode w/pump running (-) = Pump stoppe **Over** = times it switched do to lime or problem with machine **Open** = wire off / No water in tank
P = Probeless **Under** = switched not enough detergent **Short** = spoon across tips
SP = Set Point **Input** = What the probe is reading in the tank.