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 ⬇					
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			
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 ⬇					
Rinse Alarm	**Enter**	Active ⬇	Inactive		
⬆ or ⬇					
Sanitizer Speed	**Enter**	0 - 100%			
⬆ or ⬇					
Sanitizer Alarm	**Enter**	Active ⬇	Inactive		
⬆ or ⬇					
Rinse Type	**Enter**	Liquid ⬇	Dry		
⬆ 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			

****See pg. 7 of I897 for proper Auto Switchover Setup

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 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

Language	Enter	*Portuguese* ⬇	*Spanish* ⬇	*French* ⬇	*English*

⬆ or ⬇

Detergent Prime	Enter to Start	Enter to Stop

⬆ or ⬇

Rinse Prime	Enter to Start	Enter to Stop

⬆ or ⬇

Sanitizer Prime	Enter to Start	Enter to Stop

⬆ or ⬇

Det. SP input — **Det.** **C**= concentration or **P** = Probeless **SP** = Set point **INPUT** = reading the water

⬆ or ⬇

Rack Count

⬆ or ⬇

Descale	Enter to Start	Enter to Stop

⬆ or ⬇

System Access
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.

Enter code	➡	(oooo) ?

Enter

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

Dispenser Set Up	Enter	Rack count reset ⬇	Control mode ⬇	Switchover Alarm ⬇	Machine Type ⬇	Trigger Mode ⬇	Co. Name ⬇	Alarm Volume ⬇	Enter New Code
⬆ or ⬇	➡	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

Concentration	Enter	Conc. Set Point ⬇	Feed Rate ⬇	Alarm Delay ⬇	Feed Limit
⬆ or ⬇	➡	0 - 1000	0 - 10	5sec - 10min	5sec - 10min

Probeless	Enter	Recharge Time ⬇	D=Dead Cycles ⬇	C = Dwell Time ⬇	Initial Charge ⬇	Charge Clock ⬇	Detergent Alarm	**D = Door**
⬆ or ⬇	➡	1sec - 5 min	0 - 10	1sec - 10min	1sec - 10min	5min - 16hours	Active -Inactive	**C = Conveyor**

Rinse Control	Enter	Rinse Speed ⬇	Rinse Delay ⬇	Rinse Limit ⬇	Rinse Linth ⬇	Rinse Alarm	
⬆ or ⬇	➡	0 - 100%	0 -15sec	15sec - 70sec	5 - 75sec	Active -Inactive	**Note: On Conveyor Rinse Limit must be (--)**

Sanitizer Set up	Enter	Sanitizer Speed ⬇	Sanitizer Alarm ⬇	Sanitizer Mode
⬆ or ⬇	➡	0-100%	Active - Inactive	w/Det. Or w/Rinse

Diagnostic Mode	Enter	Det, Rinse, San ⬇	Det, SP, input ⬇	Rin, SP Input ⬇	San, SP, Input ⬇	Feed; Over / Under	Probe; Open / Short
⬆ or ⬇	➡	Inputs	*C + ??? Water*	used with low level sensor	used with low level sensor	Enter left to reset	Enter left to reset

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C (+) = Concentration mode w/pump running (-) = Pump stopped **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.*