

Programming a new DEMA Titan II

Press the up button until it says New Program

| | |
|-----------------------------------|--|
| New Program | |
| Enter | |
| Control Mode | Enter Auto Switchover ↓ Concentration ↓ Probe-less |
| ↓ | |
| Switchover Alarm | Enter Inactive ↓ Active |
| ↑ 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 to 10 |
| ↑ or ↓ | |
| Conc. Set Point | Enter 0 to 1000 |
| ↑ or ↓ | |
| Feed Rate | Enter 1 to 10 |
| ↑ or ↓ | |
| Alarm Delay | Enter 5sec to 10min |
| ↑ or ↓ | |
| Feed Limit | Enter 5sec to 10min |
| ↑ or ↓ | |
| Recharge time | Enter 1sec to 5min |
| ↑ or ↓ | |
| Dead Cycles (door) | Enter 0 to 10 |
| Dwell Time (conveyor) | Enter 1sec to 10min |
| ↑ or ↓ | |
| Initial Charge | Enter 1sec to 10min |
| ↑ or ↓ | |
| Charge Clock | Enter 5min to 16 hours |
| ↑ or ↓ | |
| Detergent Alarm Probeless only | Enter Active or Inative |
| ↑ or ↓ | |
| Rinse Speed | Enter 0 to 100% |
| ↑ or ↓ | |
| Rinse Delay | Enter 0 to 15sec |
| ↑ or ↓ | |
| Rinse Limit | Enter 15 to 70sec |
| ↑ or ↓ | |
| Rinse Length | Enter 5sec to 75sec |
| ↑ or ↓ | |
| Sanitizer Speed | Enter 0 to 100% |
| ↑ or ↓ | |
| Sanitizer Mode | Enter Run with rinse ↓ Run with Detergent |
| ↑ or ↓ | |
| Enter New Code | Enter Enter Prog code enter Left to Accept New Code Saved (Then Press 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. Note: all entries will be saved.

(Probe-less mode only)

Out of product alarm in Probe-less (must have probe installed)

Detergent Alarm **Active** inactive

Detergent Type Dry- Liquid- **Manual**

Alarm set Point 0 to 1000

(Recommended settings for the Out Of Product Alarm in Probe-less)
 Find out what the input reading is with fresh water (No detergent)
 Add the detergent until you get to the amount you would like in the machine and note what the Input reading is.
 set the Alarm Set Point half way between water and water with detergent
 i.e. Water = 100 and water with detergent = 200. Set your Alarm at 150.

New Probe-less Mode Initial Charge Activation (V1.8 or Higher)
 With probe installed / when machine is drained the next time it get a Det. signal it will give an initial charge
 In Trigger Mode / Rinse Only / trigger from fill valve to Det. for more than 15sec. will give initial charge
 Note: Once the Det. trigger is initiated it will not stop until it is finished its run time, even if the trigger is lost.

Changing the program after the Titan II has been programmed.

Language
 ↑ or ↓
 Enter Portuguese → Spanish → Subheadings → French → English

Detergent Prime
 ↑ or ↓
 Enter to Start Enter to Stop

Rinse Prime
 ↑ or ↓
 Enter to Start Enter to Stop

Sanitizer Prime
 ↑ or ↓
 Enter to Start Enter to Stop

Def. SP input
 ↑ or ↓
 Def. C = concentration or P = Probeless SP = Set point INPUT = reading the water

Rack Count
 ↑ or ↓
 Enter to Start Enter to Stop

Descalc
 ↑ or ↓
 Enter to Start Enter to Stop

System Access
 Enter

Enter code
 Enter (0000) ?

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 from Subheadings hit the left arrow to get to Main Headings. To get back to main hit the left arrow again. (just remember Left to get out of programming.)

Main Headings

Dispenser Set Up
 ↑ or ↓
 Enter Rack count reset → Control mode → Switchover Alarm → Machine Type → Dirty H2O → Co. Name → Alarm Volume → Enter New Code
 → Enter Auto switchover inactive Door Det. / Rinse Alarm ? 0 - 10
 → Enter Concentration Concentrator No Trigger inactive
 → Enter Probe-less Probe-less Det. Only Active Rinse Only

Concentration
 ↑ or ↓
 Enter Conc. Set Point → Feed Rate → Alarm Delay → Feed Limit
 → 0 - 1000 0 - 10 5sec - 10min 5sec - 10min

Probeless
 ↑ or ↓
 Enter Recharge Time → D=Dead Cycles → C = Dwell Time → Initial Charge → Charge Clock → Detergent Alarm
 → 1sec - 5 min 0 - 10 1sec - 10min 1sec - 10min 5min - 16hours Active - inactive
 D = Door
 C = Conveyor

Rinse Control
 ↑ or ↓
 Enter Rinse Speed → Rinse Delay → Rinse Limit → Rinse Linth → Rinse Alarm
 → 0 - 100% 0 - 15sec 15sec - 30sec 5 - 30sec Active - Inactive

Sanitizer Set up
 ↑ or ↓
 Enter Sanitizer Speed → Sanitizer Mode
 → 0-100% w/Det. Or w/Rinse

Diagnostic Mode
 ↑ or ↓
 Enter Def. SP. input → Over Feed → Probe: Open / Short
 → C + ??? Water Enter left to reset left to reset

Det
 C = concentration / P = Probeless Det. Set Point SP Input Over Feed
 (+) = running pump (-) = Pump stopped What the probe is reading in tank Fed Det. for over twice the initial charge Probe open short
 Maybe lirmed Probe Maybe machine problem
 Open = wire off / No water in tank
 Short = spoon across tips