# Programming a new DEMA Titan

**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.

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### Control Mode
- **Enter**
- **↓**

### Switchover Alarm
- **Enter**
- **Active**
- **Inactive**

### Machine Type
- **Enter**
- **Conveyor**
- **Door**

### Trigger Mode
- **Enter**
- **Det./Rinse**
- **No trigger**
- **Det. Only**
- **Rinse Only**

### Company Name
- **Enter**
- **Your name here**
- **800 4soap service**

### Alarm Volume
- **Enter**
- **0 - 10**

### Concentration Set Point
- **Enter**
- **0 - 1000**

### Feed Rate
- **Enter**
- **0 - 10**

### Alarm Time
- **Enter**
- **5sec - 10min**

### Feed Limit
- **Enter**
- **5sec - 10min**

### Recharge Time
- **Enter**
- **1sec - 5min**

### Dead Cycles (door)
- **Enter**
  - **0 - 10**

### Dwell Time (conveyor)
- **Enter**
  - **1sec - 10min**

### Initial Charge
- **Enter**
  - **1sec - 10min**

### Charge Clock
- **Enter**
  - **5min - 16 hours**

### Rinse Speed
- **Enter**
  - **0 - 100%**

### Rinse Delay
- **Enter**
  - **0 - 100%**

### Rinse Limit
- **Enter**
  - **15 - 30s**

### Rinse Length
- **Enter**
  - **5min to 30sec**

### Rinse Alarm
- **Enter**
  - **Active**
  - **Inactive**

### Sanitizer Speed
- **Enter**
  - **0 - 100%**

### Sanitizer Alarm
- **Enter**
  - **Active**
  - **Inactive**

### Rinse Type
- **Enter**
  - **Liquid**
  - **Dry**

### Sanitizer Mode
- **Enter**
  - **Run with Rinse**
  - **Run with Detergent**

### * Enter New Code
- **Enter**
- **User code**
- **Code**
- ***New Code Saved**

### End Programming
- **Enter**

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* 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

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Pg. 1 of 2

6/30/2010
Changing the program after the Titan has been programmed.

<table>
<thead>
<tr>
<th>Main Language</th>
<th>Portuguese</th>
<th>Spanish</th>
<th>French</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detergent Prime</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enter to Start</td>
<td>Enter to Stop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rinse Prime</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enter to Start</td>
<td>Enter to Stop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanitizer Prime</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enter to Start</td>
<td>Enter to Stop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Det. SP input</td>
<td></td>
<td>Det. C = concentration or P = Probeless</td>
<td>SP = Set point</td>
<td>INPUT = reading the water</td>
</tr>
<tr>
<td>Rack Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enter to Start</td>
<td>Enter to Stop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>System Access</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enter to Start</td>
<td>Enter to Stop</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

### 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.

### Dispenser Set Up

<table>
<thead>
<tr>
<th>Enter Rack count reset</th>
<th>Control mode</th>
<th>Switchover Alarm</th>
<th>Machine Type</th>
<th>Trigger Mode</th>
<th>Co. Name</th>
<th>Alarm Volume</th>
<th>Enter New Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enter left to reset</td>
<td>auto switchover</td>
<td>Concentration</td>
<td>Probe-less</td>
<td>Door</td>
<td>Det. / Rinse</td>
<td>No Trigger</td>
<td>Det. Only</td>
</tr>
</tbody>
</table>

### Concentration

<table>
<thead>
<tr>
<th>Enter Conc. Set Point</th>
<th>Feed Rate</th>
<th>Alarm Delay</th>
<th>Feed Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1000</td>
<td>0 - 10</td>
<td>5sec - 10min</td>
<td>5sec - 10min</td>
</tr>
</tbody>
</table>

### Probeless

<table>
<thead>
<tr>
<th>Enter Recharge Time</th>
<th>D = Dead Cycles</th>
<th>C = Dwell Time</th>
<th>Initial Charge</th>
<th>Charge Clock</th>
<th>Detergent Alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1sec - 5 min</td>
<td>0 - 10</td>
<td>1sec - 10min</td>
<td>1sec - 10min</td>
<td>5min - 16hours Active - Inactive</td>
<td>D = Door</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C = Conveyor</td>
<td></td>
</tr>
</tbody>
</table>

### Rinse Control

<table>
<thead>
<tr>
<th>Enter Rinse Speed</th>
<th>Rinse Delay</th>
<th>Rinse Limit</th>
<th>Rinse Linth</th>
<th>Rinse Alarm</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 100%</td>
<td>0 - 15sec</td>
<td>15sec - 70sec</td>
<td>5 - 75sec</td>
<td>Active - Inactive</td>
</tr>
</tbody>
</table>

### Sanitizer Set up

<table>
<thead>
<tr>
<th>Enter Sanitizer Speed</th>
<th>Sanitizer Alarm</th>
<th>Sanitizer Mode</th>
<th>w/Det. Or w/Rinse</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 100%</td>
<td>Active - Inactive</td>
<td>w/Det. Or w/Rinse</td>
<td></td>
</tr>
</tbody>
</table>

### Diagnostic Mode

<table>
<thead>
<tr>
<th>Enter Det. Rinse San</th>
<th>Det. SP, input</th>
<th>Rin. SP Input</th>
<th>San. SP Input</th>
<th>Feed: Over / Under</th>
<th>Probe: Open / Short</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inputs</td>
<td>C + ??? Water</td>
<td>used with low level sensor</td>
<td>used with low level sensor</td>
<td>Enter left to reset</td>
<td>Enter left to reset</td>
</tr>
</tbody>
</table>

### Inputs

C (+) = Concentration mode w/pump running (-) = Pump stopped Over = times it switched do to time or problem with machine Under = switched not enough detergent

### General Notes

Open = wire off / No water in tank Short = spoon across tips

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