Verteq 1800 Series SRD Operation

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Load SRD:

1) Open N2 Valve on the top side of the equipment.
2) Press the POWER button on the front panel to turn on the controller.
3) Step back at least 2 feet from the front of the tool.
4) Using your foot, gently press the UPPER foot pedal located near the front bottom.
5) Watch for the opening chamber door!
6) Place the designated 200mm white Teflon cassette gently inside the chamber.
7) Never run the tool without a Teflon cassette in the chamber!
8) Close the chamber door by pressing the UPPER foot pedal.
9) Keep your hands and fingers out of the way of the closing chamber door!

Run SRD:

8) Choose a recipe by pressing RECIPE followed by the recipe # on the front keypad.
9) Press the START button on the front panel to start the process.
10) Run RECIPE 0 to clean chamber/cassette after a long idle time between tool uses.
11) Turn OFF the N2 valve when you are done using the tool.

Programming the SRD:

10) Only MFC Staff are allowed to modify/add/delete programs.
11) Enter RECIPE # of interest using the keypad.
12) Enter the security code required for programming.
13) The PROGRAM green light will come on.
14) Enter STEP followed by the # to go to the step number of interest.
15) Press SHIFT key and look for an orange light on the keypad.
16) Press the desired function keys (e.g. DI H2O, Resistivity) for that step.
17) Press the SHIFT key and wait for the orange light to turn off.
18) Press the TIME, RPM, RESISTIVITY keys and enter the desired values.
19) Don’t exceed 500 RPM for the wet and 1000 RPM for the dry cycles!

<table>
<thead>
<tr>
<th>Recipe</th>
<th>Step</th>
<th>Time (sec)</th>
<th>RPM</th>
<th>Resistivity</th>
<th>Nitrogen/Heater/Static Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>Rinse to Resistivity</td>
<td>300</td>
<td>6 Mohm</td>
<td>-</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
<td>240</td>
<td>1000</td>
<td>-</td>
<td>Yes / Yes / Yes</td>
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<td>1</td>
<td>60</td>
<td>300</td>
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<td>-</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>240</td>
<td>1000</td>
<td>-</td>
<td>Yes / Yes / Yes</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>300</td>
<td>300</td>
<td>-</td>
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<td>2</td>
<td>240</td>
<td>1000</td>
<td>-</td>
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</table>

Table 1 - Recipes

<table>
<thead>
<tr>
<th>Revision</th>
<th>Description of change</th>
<th>Change initiator(s)</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>Create Spec.</td>
<td>Omid Mahdavi</td>
<td>3-29-2007</td>
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