

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 1 - Recipes

Recipe	Step	Time (sec)	RPM	Resistivity	Nitrogen/Heater/Static Control
0	1	Rinse to Resistivity	300	6 Mohm	-
0	2	240	1000	-	Yes / Yes / Yes
1	1	60	300	-	-
1	2	240	1000	-	Yes / Yes / Yes
2	1	300	300	-	-
2	2	240	1000	-	Yes / Yes / Yes

Revision	Description of change	Change initiator(s)	Date
0	Create Spec.	Omid Mahdavi	3-29-2007