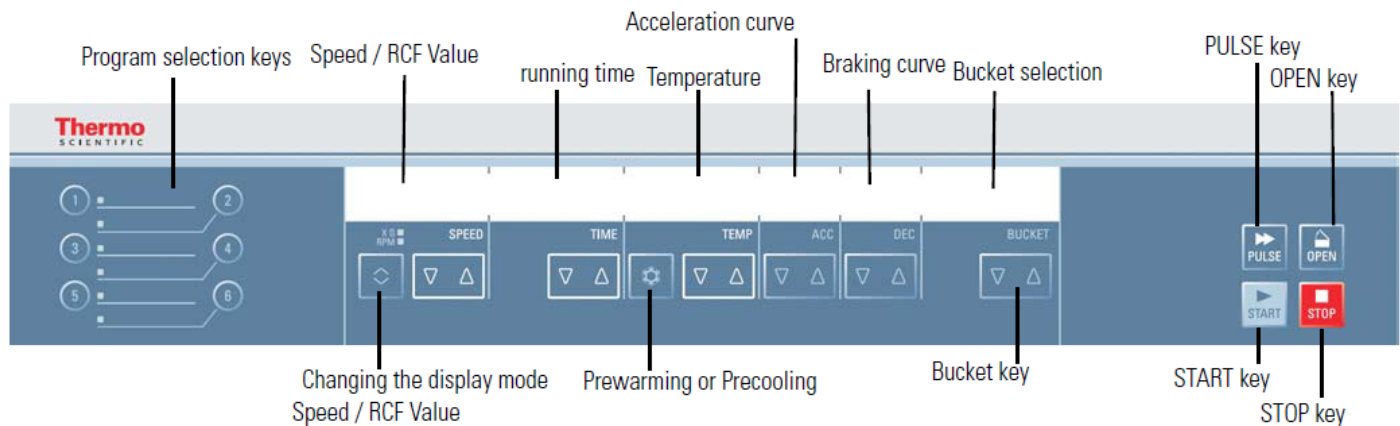



# Set Up of the Sorval ST-16 Centrifuge Job Aid



Step	Action
	Two people should lift the centrifuge by its sides and place it on a sturdy, level table-top, away from heat and direct sunlight; ensure there is at least 12" of space around the centrifuge for air circulation
1	Turn off the power supply switch on the back (press 0)
2	Plug electrical cord into the back of the unit, the other end into a grounded electrical socket <ul style="list-style-type: none"> <li>• Turn the power supply switch at the back to ON (press 1); the centrifuge will perform a self-test</li> </ul>
3	Press OPEN to open the lid; remove any dust, foreign objects or residue from the chamber
4	Place the rotor over the centrifuge spindle and let it slide slowly down the centrifuge spindle; the rotor clicks automatically into place
5	Check of the rotor is properly installed by lifting it slightly on the handle; if the rotor can be pulled up, then it must be re-clamped to the centrifuge spindle
6	Apply a thin coating of grease to the 4 trunnions of the rotor
7	Seat the buckets on the trunnions and insert the tube holders into the buckets
8	Close the lid by pressing down on it lightly in the middle or on both sides of it
9	<b>Setting Acceleration</b> - Press the key below the ACC display in order to open the acceleration profile selection menu; the display shows the message <b>Set acceleration</b> ; toggle and set at <b>9</b>
10	<b>Setting Deceleration</b> - Press the key below the DEC display in order to open the braking curve selection menu; the display shows <b>Set deceleration</b> ; toggle and set at <b>8</b>
11	<b>Setting the RCF (g force)</b> -  Toggle until the <b>xg</b> light is on; press the key below the <b>SPEED</b> display; toggle and enter <b>1100</b> . The final display should read <b>1100 xg Set RCF</b>
12	<b>Setting the Run Time</b> - Press the key below the <b>TIME</b> display; toggle and enter <b>10 minutes</b> . The final display should read <b>Set Time 0:10</b>
13	<b>Bucket Selection</b> - Press the <b>Bucket</b> key; press the <b>Bucket</b> key repeatedly until the code for the bucket being used is displayed (last four digits of the bucket catalogue number)
14	<b>Saving the Program (Chemistry)</b> - Press the <b>No.1</b> in the circle for 4 seconds to save the program for Chemistry
15	Repeat the above steps for Hematology specifications and save program to <b>No.2</b> <ol style="list-style-type: none"> <li>1. Set the RCF to 1500; Set the Run Time to 15 minutes</li> <li>2. Set Acceleration, Deceleration and Bucket the same as outlined above (for chemistry)</li> </ol>