

Instructions for Reach Melting Point Devices

1. Plug in the power cord into the **WALL** outlet (**NOT** the Rheostat).
2. Press the “On” button on the front of the device. The sample holder light, the front display light and fans will turn on.
3. Insert your sample(s) into the lighted sample holder section on the left top of the device. You can insert up to **six** samples at a time. Take care not to break the fragile capillaries and be sure the **CLOSED END** of the capillary tube is pointing **DOWN**.
4. Press “Run” to start the measurement. The “idle” message on the front will change to “running”, one fan will stop and the temperature will rise.
5. There are four heating rates (1.5, 3, 6, 12°C/min). These can be selected using the “Faster” or “Slower” buttons on the front of the device. The display on the front indicates that heating rate.
6. To stop the run at any time press ”Run” again. The front display will switch to “idle” mode and the rapid cool-off fan will turn on. If the user does not press “Run” a second time, the temperature will continue to rise to 250°C. At this temperature the device shuts off automatically.

Usually about 10 min in the idle/cooling mode at room temperature are enough to cool the device from 250°C to 45°C.
7. To begin a new run, press “Run” again. If “Run” is not pressed again, the device will shut off automatically after 10 min in “idle” mode.
8. When you are finished taking the melting point(s), unplug the device, secure the cord with the attached Velcro strap and return it to the storage shelves.