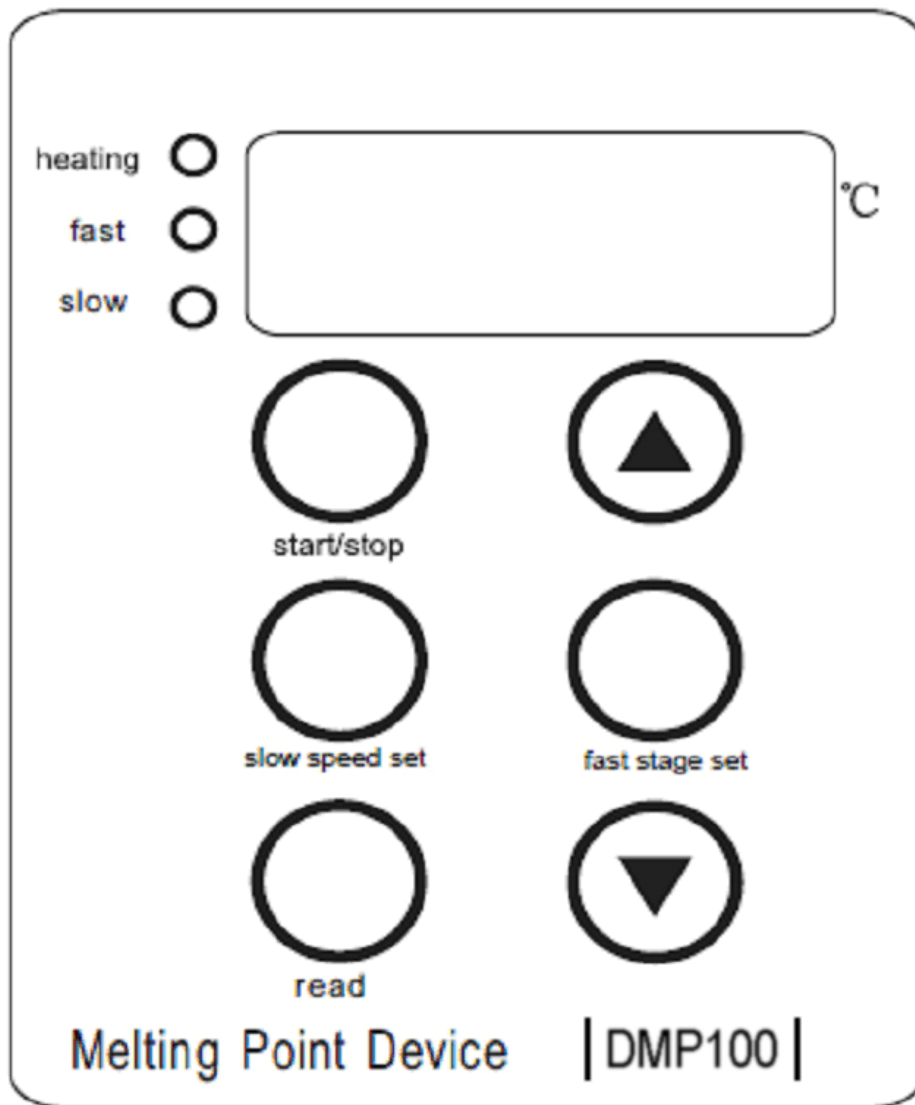


# Quick Start Guide

Place the unit on a firm and flat surface and make sure that the extendible feet are in a position that provides a good viewing angle.

1. Plug the unit into an electrical outlet with correct voltage.
2. Turn on the unit. Be certain all the indicating lights (heating, fast and slow) are off. If not, press the “start/stop” button. The light in the viewer will be on at this time and the temperature display will show the current heated block temperature.



**Figure 2: Overview of the control panel of the Melting Point Device (DMP100).**

3. Prepare the samples: place the sample into the capillary tube, and slightly tap the tubes to move the samples all the way to the bottom of the closed end of the tube.

4. Setting the fast stage point: Press the “fast stage set” button; the temperature display will show the previous set value. Use the two arrow keys to scroll up or down to the desired value and then release the “fast stage set” button.
5. Setting the slow speed: Press the “slow speed set” button; the temperature display will show the previous set value. Use the two arrow keys to scroll up or down to the desired value and then release the “slow stage set” button.
6. Carefully insert the one or two sample tubes separately into the two holes in the sample chamber. Look through the viewer to see whether the tubes are placed correctly or not.
7. Press the “start/stop” button to start the fast stage heating. The “heating” indicator light will come on and will be on even if the block temperature is above the set fast stage set temperature. The temperature display will indicate the rising temperature. The “fast” indicator light will come on once the fast stage set temperature is attained. Before proceeding further, be certain the “fast” light is on.
8. Press the “start/stop” button again to start the slow speed heating. At this time, the “fast” indicator light will go off and the “slow” indicator light will come on.
9. Continuously view the samples until the samples melt. Press the “read” button to hold the reading. Record the reading, and press the “read” button again to return to the actual block temperature reading.
10. After finishing the measurement, press the “start/stop” button. The unit starts to cool down to room temperature and all indicator lights go off.
11. For the next measurement repeat/adjust procedures 2 – 10.



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