Press the power switch

1. Press the power switch in the back of the RX-5000α (When the digital printer (optional) is connected, make sure to switch on the printer first).

Zero-setting

2. Confirm that the prism surface is clean. Then, drip distilled water onto the prism so as to cover the entire prism surface with distilled water, and close the cover plate (Refer to the Fig.1 and 2).
3. Press the SW1(ZERO) key. After the current temperature(PRESENT) reaches the target temperature(20.00℃), the "ZERO SET END" message appears on the display. The zero-setting is complete(Refer to the Fig.3 and 4).
*Be sure to perform zero-setting each time the power is turned on.

Measuring a sample

4. Clean the prism surface. Then, drip the sample onto the prism so as to cover the entire prism surface with the sample, and close the cover plate(Refer to the Fig.5 and 6).
5. Press the START key. After the current temperature(PRESENT) reaches the target temperature(20.00℃), measurement result (value) appears on the display(Refer to the Fig.7 and 8). When measurement is complete, wipe up sample from the prism surface and its surroundings with soft tissues moistened with water.
6. Afterward, repeat the operation of the above-mentioned (4) and (5).

Turn off the power switch

7. On ending a day's measurement, turn off the power switch in the back of the RX-5000α (When the digital printer (optional) is connected, switch off the printer as well as the RX-5000α).
8. Finally, clean the prism surface and its surroundings.

For further details, refer to the instruction manual for the RX series.