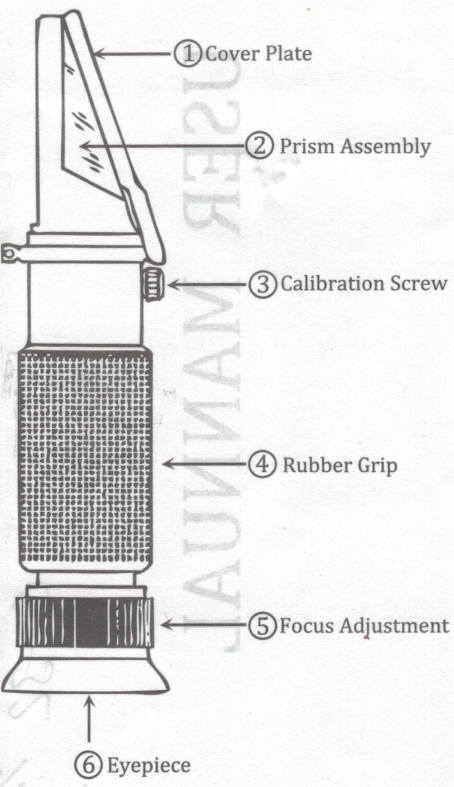
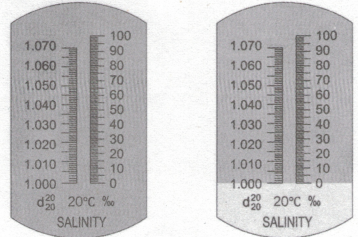


### I. Structure Diagram



### II. Operation Instructions

- Align the ② "prism assembly" with light, adjust the ⑤ "focus adjustment" until you can see the scale clearly.
- Calibration: Accurate measurement depends on careful calibration. To calibrate the refractometer accurately, firstly you should make sure the ambient temperature is about 68°F, I recommend you do the calibration in an air conditioned room in which the temperature is set on 68°F. You can use distilled water to calibrate. Open the ① cover plate, place 2-3 drops of distilled water on the ② prism, then close the cover plate and make sure the water spreads across the prism without air bubbles or dry spots. Wait for about 30 seconds to let the reading to stabilize. Look into the eyepiece and turn the ③ calibration screw with the screw driver until the reading is "0".



Please Note: The pictures above are just for reference, The actual scale may be different.

- Clean the prism with soft cloth, and then place 2-3 drops of the liquid sample to be tested on the prism, then close the cover plate and make sure the sample spreads across the prism without air bubbles or dry spots. Wait for about 30 seconds to let the reading to stabilize. Align the prism assembly with the light source, look into the eyepiece and you can get the reading.
- Clean the refractometer with soft cloth and put it back into the box. Keep the refractometer dry and clean, which can make the instrument accurate and durable.

