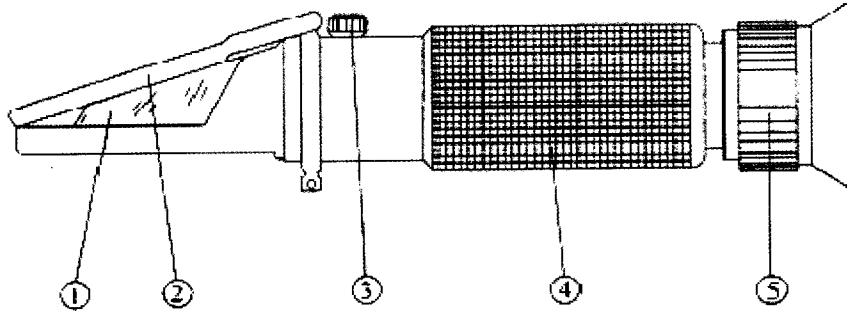


Operation Instruction

NAME OF COMPONENTS



1. Prism 2. Cover plate 3. alibration 4. Mirror tube 5. Eyepiece (Adjusting ring of diopter)

METHOD OF OPERATION

1. Prepare: Aim the front end of the refractometer in the direction of a bright light, and adjust the adjusting ring of diopter(5) until the reticle can be seen clearly.
2. Calibration: Open the cover plate(2), drop one or two drops of distilled water on the prism, closed the cover plate, press it lightly. Rotate and adjust the calibration screw (3) to make the light/blue boundary coincide with the null line.
3. Measurement: Open the cover plate(2), clean the surface of prism with a piece of soft cotton flannel, Drop 1~2 drops of the solution to be measured. Close the cover plate, and press it lightly, then read the corresponding scale of light/blue boundary. The reading is the alcohol concentration.
4. After measurement, clean the surface of prism and cover plate with moist guaze, and it should be stored carefully.

ATTENTION AND MAINTENANCE

1. Adjustment for the null liquid and specimen should be in the same temperature. Once the temperature move greatly, the null point should be adjusted once per 30 minutes.
2. After usage, do not use water to wash the instrument, so as to avoid water entering the inside of the instrument.
3. This is a precision optical instrument. Handle it gently and take good care of it. Do not touch or scratch the optical surface. Please keep it in a dry, clean and non-corrosiveness environment, to prevent the surface from turning mouldy and foggy. Please avoid strong shock during transportation.
4. If the consumers use the instrument in accordance with the mentioned method of usage, the optical performance should not be changed.

Operation Instruction

TEMPERATURE COMPENSATION

The reference of temperature is 20°C. In operation, the temperature should be made according to the correcting table .

ATC is mounted with Automatic Temperature Compensation, it has the extra function, it enables user concentrate on measurements without worrying the temperature. Compensation range is 0~30°C.

ACCESSORY

1. eyeshade
2. Suction tube
3. Scew driver