53014 SALT REFRACTOMETER



- scale 0-28%
- alloy body
- crystal prisms and lenses
- automatic temperature compensation

INSTRUCTIONS OPERATING



METHOD OF OPERATION

1. Put some drops of solution on the prism (2)
2. Aim the front of the refractometer to the direction of bright light, and read the result.

CALIBRATION

1. Aim the front of the refractometer to the direction of bright light, and adjust the adjusting ring of diopter (6) until the reticle can be seen clearly.
2. Adjustment of null - This model should adjust at 20°C environmental temperature. Open the cover plate (2), put one or two drops of distilled water on the prisma; close the cover plate and press it lightly, then adjust the correct screw (5) to make the light/dark boundary coincide with the null line.

ATTENTIONS AND MAINTENANCE

1. Adjusting the null liquid and specimen should be under the same temperature, if the temperature varied greatly, the null point should be adjusted once per 30 minutes.
2. After usage, don't use water to wash the instrument, as to avoid water entering into the piper of the instrument.
3. As it is a kind of precision optical instrument, you should hand it gently and take good care of it. Don't touch and scratch the optical surfaces. It should be kept in the environment of dry, clean and non-corrosiveness air, so as to prevent the surface of it 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, it guarantees that instrument can't break down. The optical performance can't change.

ACCESSORIES

1. Eyeshade 1
2. Suction tube 1
3. Leather cover 1
4. Screw driver 1