

Hand honey refractometer

for reading sugar levels of honey

precise

handheld

durable



TECHNICAL CHARACTERISTICS:

- Scale: 58-90% Brix
- Alloy body
- Water (moisture) content: 12-27%
- Crystal prisms and lenses

METHOD OF OPERATION

1. Squeeze just a little bit of honey on the prism.
2. Aim the front end of the refractometer to the direction of bright light and read the result.

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HONEY MOISTURE

Sugar-tolerant yeasts occur naturally in honey. If they are not killed by heat, they can cause fermentation when honey moisture levels exceed 17 percent. High moisture levels can result from extracting honey that is not fully ripened by the bees, allowing honey to absorb moisture during processing and storage, or from granulation. Fermentation usually occurs after granulation. Since there is more moisture in the top layers of crystallized honey than in the bottom layers, fermentation begins at the top of the containers and works downward.

CALIBRATION

1. Aim the front end of the refractometer to the direction of bright light and adjust the adjusting ring of diopter until the reticle can be seen clearly.
2. Adjustment of null - This model should adjust at 20°C environmental temperature. Open the cover plate, put one or two drops of distilled water on the prism; close the cover plate and press it lightly, then adjust the correct screw to make the light/dark boundary coincide with 78.8% Brix.

ATTENTIONS AND MAINTENANCE

1. After usage, don't use water to wash the instrument, so as to avoid water entering into the piper of the instrument.
2. 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.
3. If the consumers use the instrument in accordance with the mentioned method of usage, it guarantee that instrument can't break down. The optical performance can't change.

ACCESSORIES

1. Eyeshade: 1
2. Leather cover: 1
3. Screwdriver: 1