

# Honey Refractometer (with illuminated prism)

## Instructions for use

This refractometer is calibrated for honey and ready for use.

1. Place a small drop of liquid honey on the lens of the prism and spread evenly.
2. Fold and press the articulated flap on top of the honey.
3. Look through the lens and press the small yellow button on the flap.
4. You will see a graduated scale from 13%-25% with a line between the light and dark area of the blue background. You might need to focus the lens by turning the eyepiece.
5. Read off the scale where the light and dark are meets. This is the percentage moisture content of the chosen sample.

Note: All honey, to comply with the 2015 Honey Regulations must have a moisture content of 20% or less, apart for Heather Honey and Bakers Honey which must be 23% or less.

The device comes with a spare articulated flap, without illumination.

## Calibration

If you think the refractometer needs re-calibrating follow the simple steps below.

1. Remove the plastic cover over adjustment screw.
2. Take a small drop of pure sunflower oil and spread evenly over the prism.
3. Look through the lens, the light/dark line should be at 25%, if not adjust the screw using the small screwdriver provided. You will see the line move with the slightest turn of the screw.
4. Clean the lens thoroughly.
5. Replace cover over adjustment screw.



**E.H. THORNE (Beehives) LTD**

Beehive Business Park, Rand, Nr. Wragby, Lincolnshire LN8 5NJ

Tel. 01673 858555

sales@thorne.co.uk

www.thorne.co.uk