

## Butyro Refractometer



**Product Categories:** [Analytical Lab Instruments](#), [Microscope](#), [Microscopes](#), [Refractometers](#)

**Product Tags:** [biology lab equipment](#), [chemistry lab instruments](#)

**Product Page:** <https://www.labappara.com/product/butyro-refractometer/>

### Product Description

#### Butyro Refractometer - Laboratory Equipment

This instrument can be used for measurement of fats in ghee, oils, waxes, and other such products giving a reading directly in terms of the oil scale also known as butyro scale. The micrometer eye-piece allows an accuracy on this scale of 0.1 and the oil scale may also be converted into a refractive index scale using conversion tables. This allows measurements on materials with index of refraction in the range of 1.42 to 1.49 with an accuracy of 0.0002 as tables are supplied for converting oil scale reading into index of refraction, relative to mean sodium lines. The prism box is water jacketed for temperature control and a samples achromatizing device

enables the removal of all colors from the border line thus enabling the instrument to be used with white light. The instrument is provided with a test liquid for checking and resetting the scale if necessary and is encased in a portable wooden box. Refraction range from 1.42 to 1.49 with accuracy of 0.0002 fitted with sugar and oil scale, sugar scale 50 -80% and oil scale 0 -100%.

**Features:**

Optimum functionality

High performance

Longer service life

equipped with prism box is for temperature control

User-friendly design

Can be used in low light

Accurate results