

## Specifications:

**RI range:** 1.3330 - 1.4465 | Accuracy: +/- 0.0002

**BRIX range:** 0 - 62% | Accuracy: +/- 0.2%

**Auto Temperature Compensation:** -20 °C RI and BRIX

**Calibration:** Distilled water

**Prism:** Glass

**Illumination:** 589nm LED

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**Dimensions:** 54 x 27 x 100mm

**Power supply:** 2x AAA-batteries (1.5V)

**Battery life:** 10,000 readings, Auto Off Sleep Mode

**Certificates:** IP65 Dustproof/Water resistant, CE, RoHS and WEEE compliant

**Reading modes:** BRIX-TC = % sucrose in aqueous solution at 20 °C  
RI-TC = Refractive index temp. corrected to 20 °C  
RI = Refractive index

## Error codes:

- Err01** - No sample present. Add sample.
- Err02** - Inadequate sample. Add additional sample.
- Err03** - Sample exceeds the refractive index reading range.
- Err04** - Sample temperature has not equilibrated. Allow more time for temperature equilibration.
- Err05** - Excessive ambient light. Cover sample well when reading.
- Err06** - Excessive ambient light. Cover sample well when reading.
- Err07** - Positive calibration error. Re-calibrate with distilled water.
- Err08** - Negative calibration error. Re-calibrate with distilled water.
- Err09** - Poor sample condition. Sample may not be able to be read.
- Err10** - Sample type may not be able to be read.
- Err12** - Index of sample is out of range of instrument.
- Err5X** - For any errors in this series contact Calvex for technical assistance.