

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

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.