

Rugged & waterproof, ideal for field use

- 0 to 88% Brix
- IP65 Waterproof
- Rugged
- Long-life Rechargeable Battery

Cover the entire 0 to 88% Brix range with one instrument along with nD (refractive index), temperature, and dextran, fructose, glucose, lactose, and maltose scales. Housed in a protective rubberized IP65 Waterproof case to safeguard the electronics from wet environments and makes for easy clean ups. A scratchproof sapphire lens ensures continued accuracy over time. Measure samples as small as 1 ml, in the field with laboratory accuracy. Sample temperature is initially displayed on the large LCD followed by the measurement results. The sophisticated microprocessor provides automatic calibration, automatic temperature compensation and automatic shutoff (after 3 minutes). Features one button calibration to distilled water and indicates when the battery is low. Powered by a rechargeable, long-life, Li (Lithium Ion) battery providing 50,000 tests or about half a year use on a single charge. Comes ready to use with instructions, carrying case, transfer- pipet and an AC power adapter.

DIM: 4½" × 2¼" × 1" (108 × 57 × 25 mm)

WEIGHT: 5 oz (141 g)



No.	Description
300058	Waterproof Digital Refractometer - Sugars

Unit of Measure	Range	Resolution	Accuracy
Brix	0.0 to 88%	0.1%	±0.2%
nD	1.3330 to 1.5122	0.0001	±0.003nD
Dextran	0.0 to 10.6%	0.1%	±0.2%
Fructose	0.0 to 68.9%	0.1%	±0.2%
Glucose	0.0 to 59.9%	0.1%	±0.2%
Lactose	0.0 to 16.5%	0.1%	±0.2%
Maltose	0.0 to 15.6%	0.1%	±0.2%
Temperature	0.0 to 40°C	0.1°C	±0.8°C

