

TECHNICAL DATA



Features

- 0 to 55% Brix measurement range with 0.1% resolution
- Ergonomically designed for one-handed operation
- Dual LCD simultaneously displays % Brix and temperature
- Sapphire prism with abrasion and corrosion-resistant coating
- Automatic Temperature Compensation (ATC)
- Built-in Zero calibration
- Rechargeable battery
- Includes USB cable, cleaning cloth and solution/sample applicator



Specifications

Measurement Range:	Brix: 0 to 55% Temperature: 10 to 40°C
Resolution:	Brix: 0.1% Temperature: 1°C
Accuracy:	Brix: $\pm 0.2\%$ Temperature: $\pm 1^\circ\text{C}$
Temperature Compensation Range:	10 to 40°C
Sample Volume:	0.3mL
Measurement Time:	3 seconds
Auto Shut-off:	2 minutes
Power Supply:	750mAh rechargeable Li-ion battery
Battery Life:	40 hours
Charge Time:	3.5 hours
Product Certifications:	CE, IP54
Dimensions:	5.5 x 2.2 x 1.38" (140 x 55 x 35mm)
Weight:	0.19lbs (84g)

Model	Description
R9510	Digital Refractometer, 0 to 55% Brix
R9510-NIST	Digital Refractometer, 0 to 55% Brix & NIST