

AELAB Refractometer TDJ-9502

Handheld refractometer measuring 0–95%
Brix with automatic temperature compensation.



Fast result output
in < 3 seconds.



KEY SPECIFICATION HIGHLIGHTS



Measuring Range
0–95% Brix



Resolution
0.1%



Measurement Accuracy (Brix)
 $\pm 0.1\%$



Temperature
Compensation Range
10°C – 40°C



Product Dimensions
130 mm × 45 mm × 25 mm

FEATURES



Fast Results

Fast result output in < 3 seconds.



Optical Sensor

Optical sensor.

Automatic Temperature Compensation

Automatic temperature compensation.



TECHNICAL SPECIFICATIONS

Refractive Index Measurement Range

Parameter	Value
Minimum value	1.33
Intermediate reference value	1.3329
Maximum value	1.53

GENERAL SPECIFICATIONS

Measuring Range	0–95% Brix
Temperature Compensation Range	10°C – 40°C
Resolution	0.1%
Operating Temperature Range	10°C – 40°C
Product Dimensions	130 mm × 45 mm × 25 mm
Measurement Accuracy (Brix)	$\pm 0.1\%$
Solution Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$
Minimum Refractive Index	1.33
Intermediate Reference Refractive Index	1.3329
Maximum Refractive Index	1.53



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