



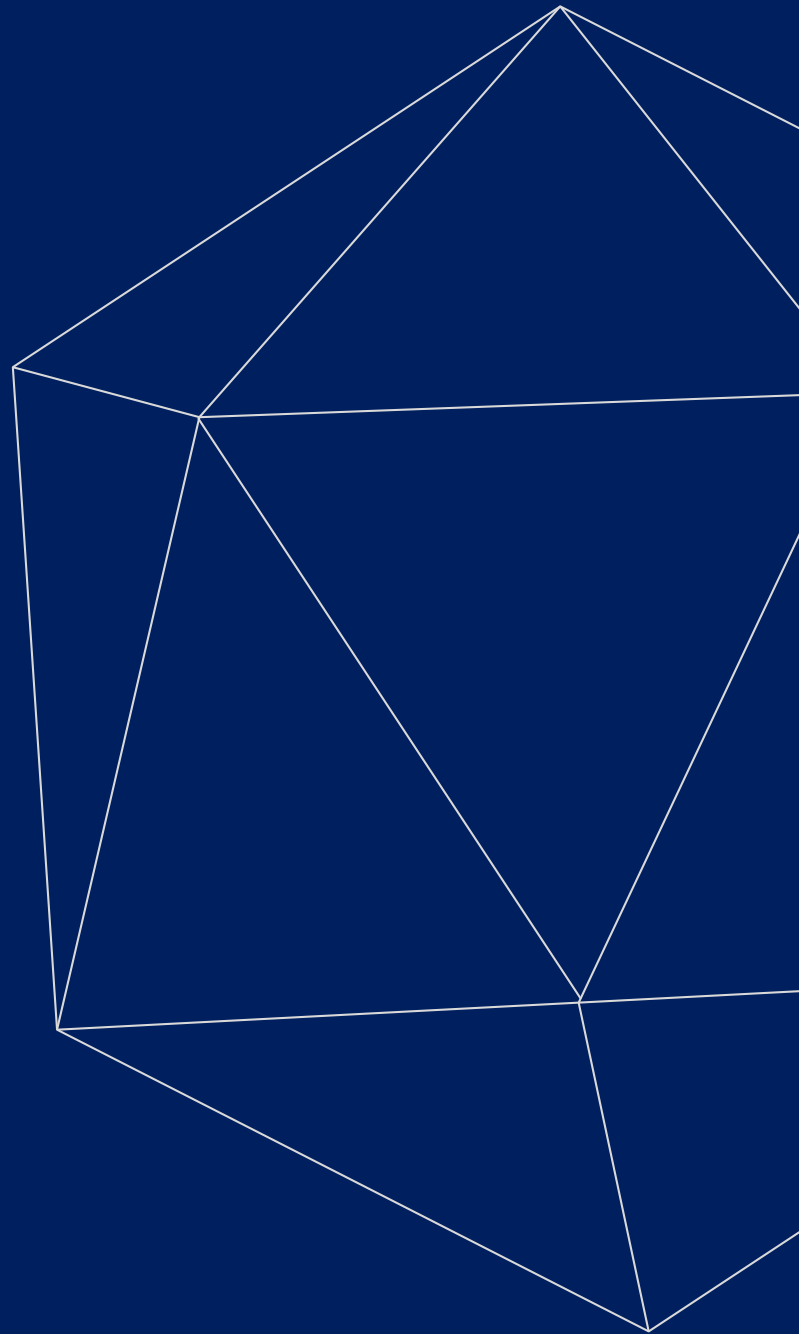
LABORATORY SECTOR

REFRACTOMETER



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KALSTEIN® Refractometer
Brix Digital Refractometer
Model YR05944 // YR05952



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KALSTEIN® Refractometer
Brix Digital Refractometer
Model YR05944 // YR05952



Product Description:

Digital Brix Refractometer is designed to measure the concentration of soluble solids (almost 100% sugar) in aqueous solutions of sugar content of solution such as fruit juice, syrup, puree, are, coffee drinks, cocoa drinks, soft drinks, water-soluble cutting oil, water-soluble washing solution, etc. As well as measuring refractive index of solution. The unit features automatic temperature compensation (ATC) which make temperature corrections unnecessary between 0 to 40°C (32-104°F). It utilizes the standardized brix scale which is accurate and easy to read. The digital display is quick and easy to read brix readings.

Features:

- ✓ Automatic Temperature Compensation (ATC): between 10 and 40°C (50 – 104°C)
- ✓ Measurement Time: Approximately 1.5 seconds
- ✓ Minimum Sample Volume: 2 metric drops
- ✓ Light Source: Yellow LED
- ✓ Sample Cell: Stainless steel ring and flint glass prism
- ✓ Case Material: I ABS
- ✓ Enclosure Rating: IP65
- ✓ Battery: 1.5v AAA
- ✓ Auto-Off: After 3 minutes of non-use
- ✓ Dimensions: 58*25*121mm



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Technical Specifications

Model	Description	Measurement Range	Min. Div.	Accuracy	ATC	ATC Temp.
YR05944	Brix	Brix:0.0-50.0% Refractive Index :1.3330-1.4200nD	0.10% 0.0001nD	±0.2% ±0.0003nD	Yes	0-40°C
YR05945	Brix	Brix:0.0-90.0%	0.10%	±0.2%	Yes	0-40°C
YR05946	Brix – Refractive Index	1.3330-1.5177nD	0.0001nD	±0.0003nD	Yes	0-40°C
YR05947	Dextran	Dextran: 0.0–10.6%	0.10%	±0.2%	Yes	0-40°C
YR05948	Fructose	Fructose: 0.0–68.9%	0.10%	±0.2%	Yes	0-40°C
YR05949	Glucose	Glucose: 0.0–59.9%	0.10%	±0.2%	Yes	0-40°C
YR05950	Lactose	Lactose: 0.0–16.5%	0.10%	±0.2%	Yes	0-40°C
YR05951	Maltose	Maltose: 0.0–15.60%	0.10%	±0.2%	Yes	0-40°C
YR05952	Refractive Index	1.3330-1.4200nD	0.0001nD	±0.0003nD	Yes	0-40°C



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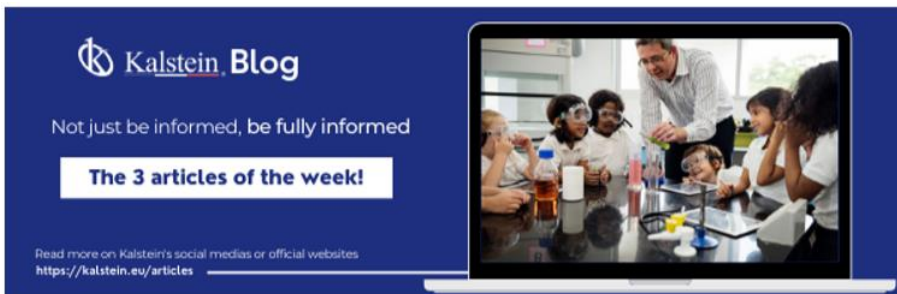
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