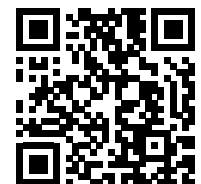


Compact Refractometers

AbbeMat 3000 | AbbeMat 3100 | AbbeMat 3200



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Abbemat 3000

Abbemat 3100

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Standards

AOAC, ASTM, DIN, ICUMSA, ISI, OIV

Refractive index

	Abbemat 3000	Abbemat 3100	Abbemat 3200
Range nD	1.30 to 1.66	1.30 to 1.66	1.30 to 1.72
Resolution nD	±0.0001	±0.0001	±0.0001
Accuracy nD ¹⁾	±0.0001	±0.0001	±0.0001

Brix

	Abbemat 3000	Abbemat 3100	Abbemat 3200
Range	0 % to 100 %	0 % to 100 %	0 % to 100 %
Resolution	0.01 %	0.01 %	0.01 %
Accuracy ¹⁾	0.05 %	0.05 %	0.05 %

Temperature

	Abbemat 3000	Abbemat 3100	Abbemat 3200
Range	Temperature correction	20 °C and 25 °C	15 °C to 60 °C
Temperature probe accuracy ¹⁾	±0.05 °C	±0.05 °C	±0.05 °C

¹⁾ valid at refractometric standard conditions (T = 20 °C, L = 589 nm, ambient temperature = 23 °C)