

WYA-3S/2S ABBE Digital Refractometer

ABBE Digital Refractometer



- Measurement of refractive index ND of transparent or translucent liquid and solid substances
- Measurement of the Brix of sugar solution
- Automatic correction of the effect of temperature on the brix
- Prism made of hard glass

WYA-3S can measure the refractive index ND and the mass percentage of sucrose, glucose, F42, F55 HFCS (Brix) of transparent, translucent liquid and solid. The dry solid content of fruit juice, vegetables, soft drinks and canned goods. Visual targeting, color LCD touch screen display, friendly human-machine interface, intuitive and easy to understand, measurement data can be saved and traced. Temperature correction can be made by measuring the hammer. The original imported LED light source has a wavelength of 589nm with high stability (long-term accuracy of the instrument can be guaranteed), no temperature rise, small size, low power consumption, high brightness, and long life. The patented optical structure ensures the instrument to improve the measuring accuracy, and the advantages of simple operation and quick targeting are also presented.

Specifications

Parameters / Model	WYA-3S	WYA-2S
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Measurement range	Refractive index ND: 1.30000-1.72000 Brix: 0-100%	Refractive index ND: 1.30000-1.72000 Brix: 0-100%
Accuracy	Refractive index ND: \pm 0.0002 Brix: 0.1%	Refractive index ND: \pm 0.0002 Brix: 0.1%
Measuring resolution	Refractive index ND: 0.0001 Brix: 0.1%	Refractive index ND: 0.0001 Brix: 0.1%
Temperature Range (Min. 0.1C)	-20-120°C	0-50°C
Display	Color touch screen	LCD
Interface	RS232/USB	RS232
Usage temperature range	room temperature- 35°C	room temperature- 35°C
Weight (gross)	12kg	12kg
Overall Dimension	370mm x 240mm x 470mm	370mm x 240mm x 470mm