WYA

WYA–2W

WYA-2W / WYA ABBE Refractometer

Characteristics

- Measurement of refractive index nD, average dispersion nF–nc of transparent or translucent liquid and solid substances
- Measurement of mass fraction (Brix) of cane sugar solution
- Widely used in the field of sugar, pharmaceutical, beverage, petroleum, food, chemical industries as well as research institutes and educational department
- Visual aim, optical index–plate reading
- Easy and reliable

Specifications

Parameters/Model	WYA
Refractive index nD	1.3000–1.7000
Accuracy(nD)	±0.0002 (Estimate Reading)
Dissolved Solids Brix	0–95%
Temperature display	Digital thermometer
Observation mode	Monocular
Weight (Gross)	3 kg
Overall Dimensions	270mm x 180mm x 370mm

Parameters/Model	WYA–2W
Refractive index nD	1.3000–1.7000
Accuracy(nD)	±0.0003 (Estimate Reading)
Dissolved Solids Brix	0–95%
Temperature display	Digital thermometer
Observation mode	Binocular
Weight (Gross)	4 kg
Overall Dimensions	240mm x200mm x 390mm

Portable Refractometers

Characteristics

Portable refractometers are very commonly used which can be used for low, middle, and high resolution Brix concentration. The low range can be used for high–precision measurement such as fruit juice, cola and most kinds of beverage. The middle range can be used for concentrated fruit juice, canned food, sugar solution detections, sauce, ketch up, seasoning and many kinds of industry fluids. The high range can be used for use with food products of high sugar content such as liquid sugar, honey, etc.

They can be used for industry fluid testing, such as for vegetable oils, industry, and many other chemical liquids or laboratory use fluids. It provides a fast and accurate way to test the ratio and concentration in water soluble cutting oil and many other industries fluid.

Specifications

	Model	Range	Minimum Scale
Brix	WZS 5	0~5%	0.1%
	WZS 10	0~10%	0.1%
	WZS 18	0~18%	0.1%
	WZS 20	0~20%	0.1%
	WZS 32	0~32%	0.2%
	WZS 50	0~50%	0.5%
	WZS 60	0~60%	0.5%
	WZS 62	28~62%	0.2%
	WZS 82	45~82%	0.5%
	WZS 92	58~92%	0.2%
	WZS 80	0~80%(1 ranges)	0.5%
	WZS 90A	0~90%(1 ranges)	0.5%
Honey	WZS N3	58~92%Brix 38~43oBe' 12~27%Water	0.5% Brix 0.5oBe' 1%Water
Salinity	WZS A1	0~100‰ 1.000~1.070	1‰ 0.005
	WZS A2	0~28%	0.2%
	WZS A3	0~35%	0.5%
	WZS A4	0~40PPT	1‰
	WZS S1	0~100‰Salinity 1.000~1.070 0~10%Brix	1‰ 0.005 0.1%
	WZS S2	0~28%Salinity 0~32%Brix	0.2% 0.2%