



Digital Abbe Refractometer



MODEL:YA-2S

SALIENT FEATURES:

- Measurement of refractive index nD of transparent or translucent liquid and solid substance
- Measurement of brix % of sugar solutions
- Prism made of hard glass.
- Visual aim and LCD display
- Automatic correction of the effect of temperature on the brix (Automatic Temp. Compensation)
- Printer interface for direct data print-out

This instrument is widely used in petroleum, chemical, pharmaceutical, sugar, refining and food industries. WYA-2S

also has wide scope of use in related colleges, universities & scientific research institutions for measuring the refractive index nD of transparent, sub-transparent liquid or solid substance. The instruments can also be used to measure the Brix % of the sugar solution, and correct the effect of temperature on the brix automatically.

SPECIFICATIONS:

Model	KYA-2S
Make	KLABS
Measurement range refractive index nD	1.3000-1.7000
Measurement range refractive index Brix	0-100 %
Accuracy refractive index nD	$\leq \pm 0.0002$
Accuracy Dissolve solids Brix	$\pm \leq 0.1 \%$
Temperature Resolution	0.1° C
Temperature Range (Min 0.1°C)	0-50° C
Correcting range of brix versus	15-45° C
Usage Temperature Range	Ambient to 35° C
Interface	RS232C
Dimensions & Weight	370 x 240 x 470 mm - 12 kg

STANDARD

ACCESSORIES:

- Contact Fluid
- Calibration Block
- Calibration Screwdriver
- Power cord
- Instruction Manual