

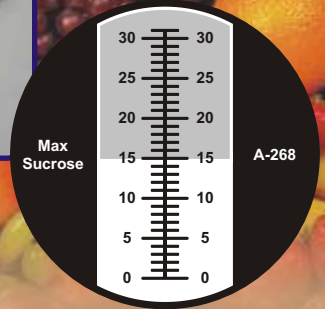
Ready Stock

# REFRACTOMETERS

From Direct Import

What is Refractometer ?

Refractometer is a precision optical instrument designed to measure the concentration or mixture ratio of water soluble fluids. It measures refractive index, the speed at which light passes through a liquid. The denser the liquid the slower the light will travel through it, and the higher its reading will be on the refractometer.



Brix Salinity Alcohol Protein Coolants

## COMPLETE RANGE OF HAND HELD REFRACTOMETERS

BRIX :-	Model	Range	Min.Div.	Accuracy
	RHB-10 (ATC)	0-10 %	0.1 % Brix	+ 0.10 %
	RHB-18(ATC)	0-18%	0.1 % Brix	+ 0.10 %
	RHB-32(ATC)	0-32 %	0.2 % Brix	+ 0.20 %
	RHB-62 (ATC)	28-62 %	0.2 % Brix	+ 0.20 %
	RHB-82 (ATC)	45-82 %	0.5 % Brix	+ 0.50 %
	RHB-92 (ATC)	58-92 %	0.5 % Brix	+ 0.50 %
	RHB-55 (ATC)	0-55 %	0.2 % Brix	+ 0.20 %
<b>NEW</b>	<b>RHB-90 (ATC)</b>	<b>0-90 %</b>	<b>0.2 % Brix</b>	<b>+ 0.2 %</b>
<b>SALINITY :-</b>	RHS-28 (ATC)	0-28 % Salinity	0.2 % (2ppt)	+ 0.20 % (2ppt)
	RHS-100 (ATC)	0-100 % Salinity	5'F	+ 5'F
<b>ALCOHOL :-</b>	RHW-25 (ATC)	0-25 % Vol	0.20 % Vol	+ 0.2 % Vol
<b>PROTEIN :-</b>	RHC-200 (ATC)	0-12gm/dl 1,000-1050 sg 1,3330-1,3600 RI	0.2 %	+ 0.20 %
<b>Coolants :-</b>	RHA-200 (ATC)	1.100 - 1.400	0.01sg	+0.01sg

**Application :-** Agriculture, Alcohol, Beverage, Food, Fruits & Vegetables, Honey, Pharmaceutical, Salinity, Sugar, Urine Specific Gravity, Wine.

**Silent Features :-**

- S.S. Body
- Clear & Bright Scale
- Packed in Leather Case
- Heavy Weight
- High Quality & Accurate Testing Result
- Colour Manual

# REFRACTOMETERS

**Digital Pocket Refractometer, Abbe Refractometer, Dig Abbe Refractometer, Digital GEM Refractometers, Digital Polarimeter, Oil & Sugar Butyroo Refractometer**

## **Digital Pocket Refractometers Model 1<sup>st</sup> Lab - 51 / 52**

Brix Range : 0-35%, 0-45%, 28-65%, 58-92%, 0-95%  
Salinity Range : 0-28%  
Accuracy :  $\pm 0.1\%$   
Div : 0.10% (0.0001)



## **Abbe Refractometer Model No. : 1<sup>st</sup> Lab - 2 WAJ**

Refractive Index (nD) Range : 1.300 - 1.700  
Brix Range : 0 ~ 95 %  
Refractive Index (nD) Accuracy : 0.0002  
Refractive Index (nD) Min Div : 0.0005  
Amplification of Telescope : 2 X  
Amplification of Reading : 30 X  
Brix (%) Min Div. : 0.25  
Temperature Range : 0°C ~ 70°C  
Weight : 3Kg Approx



## **Abbe Refractometer Digital Model No.1<sup>st</sup> Lab - WYA-2S**

Measurement Range : **Refractive Index nD : 1.3000 ~ 1.7000**  
Dissolved Solids Brix : **0~95%**  
Accuracy : **Refractive Index nD : + 0.0002**  
Brix : **+ 0.1%**  
Temperature Range : **(Min 0.1°C) : 0 ~ 50°C**



## **Polarimeter Automatic Model No.1<sup>st</sup> Lab - WZZ-2A**

Measuring Range : -45 ~ +45'  
Minimum Value in Reading : +0.0005'  
Accuracy : +0.01'  
Repeatability : < 0.0007'  
Available Sample Transmittance : < 10%  
Light Source : 589.44 nm  
Power Source : AC 220 + 22 V 50 + 1Hz 100 W  
Weight : 29 Kgs

