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# Refractometer - Automatic, Digital

## Product Image

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## Description

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## Salient Features

- ◆ Fully automatic measuring system
- ◆ Touch Screen display.
- ◆ Measure the °Brix of sugar solution
- ◆ Display the temperature of sample
- ◆ Correct effect of temperature on the °Brix automatically
- ◆ Memory upto 1024 results
- ◆ Reading Time 2 seconds.
- ◆ Calibration password protected
- ◆ Easy clean prism & Simple operation
- ◆ User can set the Scan times, Type, Revise, Sample ID, Calender
- ◆ **RFM-970 - Thermostatic Temperature Control  $\pm 10^{\circ}\text{C}$**

This instrument can widely be used in petroleum, chemical, pharmaceutical, sugar refining and food industries, as well as in related colleges, universities and scientific research institutions for measuring refractive index nD of transparent, semi transparent liquid.

This instrument can also be used to measure the °Brix (BX) of the sugar solution, and correct the effect of temperature on the °Brix automatically.

In addition, this instrument can also display the temperature of the sample.

Model	RFM950	RFM970
Display	Touch Screen	
Measuring range - Refractive index nD	1.30000-1.70000	
°Brix (BX)	0 - 100 %	
Measuring accuracy- Refractive index nD	$\pm 0.0002$	
Dissolved solids °Brix	$\pm 0.1\%$	
Measuring resolution - Refractive index nD	0.00001	
Dissolved solids °Brix	0.01 %	
Temperature display range	0 to $50^{\circ}\text{C}$	
<b>Thermostatical Control Range</b>	-	Room Temperature $\pm 10^{\circ}\text{C}$
Temperature Control Accuracy	$\pm 0.5^{\circ}\text{C}$	
Memory & Output Interface	1024 data & RS232C / USB	
Power supply	AC 220V / 50Hz	
Dimension LxWxH (mm)	500 x 330 x 220	
Weight	9kg	

**STANDARD ACCESSORIES** : 3 Pin Power Cable , USB Cable, Software CD, Instruction Manual,

Refractometer - Automatic, Digital

**Catalog No. 101124**

## Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.