

**RFM950, 970**

CATALOGUE 2024-25



**Touch Screen  
Automatic Digital Refractometer  
RFM950 & RFM970**

**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.



E - Catalogue

HSN Code : 90275020

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°C	
Thermostatical Control Range	NA	Room Temperature $\pm 10^{\circ}\text{C}$
Temperature Control Accuracy	$\pm 0.5^{\circ}\text{C}$	
Memory & Interface	1024 data, USB	
Power supply & Output Interface	AC 220V,50/60Hz & RS232C / USB	
Packing Dimension LxWxH (mm)	500 x 330 x 220	
Gross Weight	9kg	

**STANDARD ACCESSORIES :** Main Instrument, 3 Pin Power Cable , USB Cable, Software CD, Test Certificate

★ Specifications are subject to change without notice.

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Touch Screen

# Automatic Digital Refractometer RFM950 & RFM970 Function & Features

