

# AR6 Series Refractometers:

Fully automatic; superior accuracy, repeatability, and ease of use.



## AR6 Series

Operation	Automatic, Reflected Light Refractometer
Catalog No.	AR600 - 13106000 (110 to 220V with US, EU and UK Power Cords) AR60 - 13106600 (110 to 220V with US, EU and UK Power Cords)
Sample Types	Transparent, Translucent and Opaque Liquids
Reading Range	1.32 to 1.52 Refractive Index Full Brix Scale per ICUMSA
Precision	AR600 - 0.00001 Refractive Index, 0.01 Brix AR60 - 0.0001 Refractive Index, 0.1 Brix
Calibration	Set Point or Set Point/Span User Definable
Temperature Control Method	Ports for External Circulator
Temperature Control Range	10° - 60° Celsius
Temperature Precision	0.01° Celsius
Prism Assembly	Sapphire Prism sealed with Epoxy to 416 Grade Stainless Steel Sample Well
Display	Graphic LCD Display, 5.25" W X 3" H (13.4 X 7.6 cm)
User Interface	Simple, Effective 5-Button Operation
I/O	1 RS-232-C Serial Port, 1 25-pin Parallel Port
Warranty	2 Years
Software Features	Multilingual (English, German, Spanish, French), Calibration History Record, Programmable With Up to 14 Custom Scales, Password Protected Set-Up, Automatic Sample Equilibration Detection, Restore to Factory Option
Optional Accessories	13106100 AR6 Series Flow Cell 13106200 AR6 Series Funnel Flow Cell 13106300 AR6 Series Sample Press

## AR6 Series Automatic Refractometers

The AR6 series automatic refractometers offer superior accuracy, repeatability, and ease of use. They are ideally suited for quality assurance and research applications. And they offer automatic temperature compensation. The AR6 series instruments are easy-to-use tools for concentration measurements, purity determination, and chemical identification.

## AR6 Series Key Features

- Virtually impervious sapphire prism – incredible durability
- Clear, graphical LCD display – on-screen directions for ease-of-use
- Up to 256 scans per reading – exceptional accuracy
- Automatic Temperature Compensation
- Automatic Temperature Equilibration Detection – ensures temperature stability and accuracy of measurement
- Detailed calibration history record of last 512 calibrations
- Serial and parallel ports for record transfer to lab PC
- Accessories enhance repeatability, accuracy and reliability for special applications that call for them

## Two Models

**AR600** with precision to 0.01 Brix or 0.00001 Refractive Index  
**AR60** with precision to 0.1 Brix or 0.0001 Refractive Index

For more information, contact  
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