IRIS ANALYTICAL

# POLARIMETERS & REFRACTOMETERS





cs@irisanalytical.com

+1 706 760 4500

www.irisanalytical.com

**Automatic Refractometer** is used to reduce differences value in measuring data between user with excellent accuracy and readout value it can used to measure refractive index and brix value of sample at different temperature.

# Automatic Refractometer IAR-1000 Series

Automatic Refractometer IAR-1000 Seriesis a benchtop automatic refractrometer measure refractive index and brix value of sample at different temperature. The intensity of reflected light is determined by CCD scanner and resulting position of light or dark boundary automatically. To avoid stray light and evaporation, the sample cover is placed over the sample and Sapphire glass and hard glass contain prism. Provide accurate readout of the refractive index, %brix value, and temperature that display on touch display. The ISAR-2100 series provide refractive index range, up to 1.30000 to 1.70000, resolution 0.00001 and brix range, up to 100 %, resolution 0.01%, with temperature range 0 to 50℃.




- Used oil industry, pharmaceutical industry, paint industry, food industry, daily chemical industry, sugar industry, geological exploration or institutions
- With Measuring Prism made up of sapphire glass and hard glass
- Provide protection anti-corrosion
- Reduced chance of error by using CCD sensor
- 7 inch color touch screen light source
- Automatic Temperature Compensation(ATC)
- Comes with RS232/USB/SD card interface

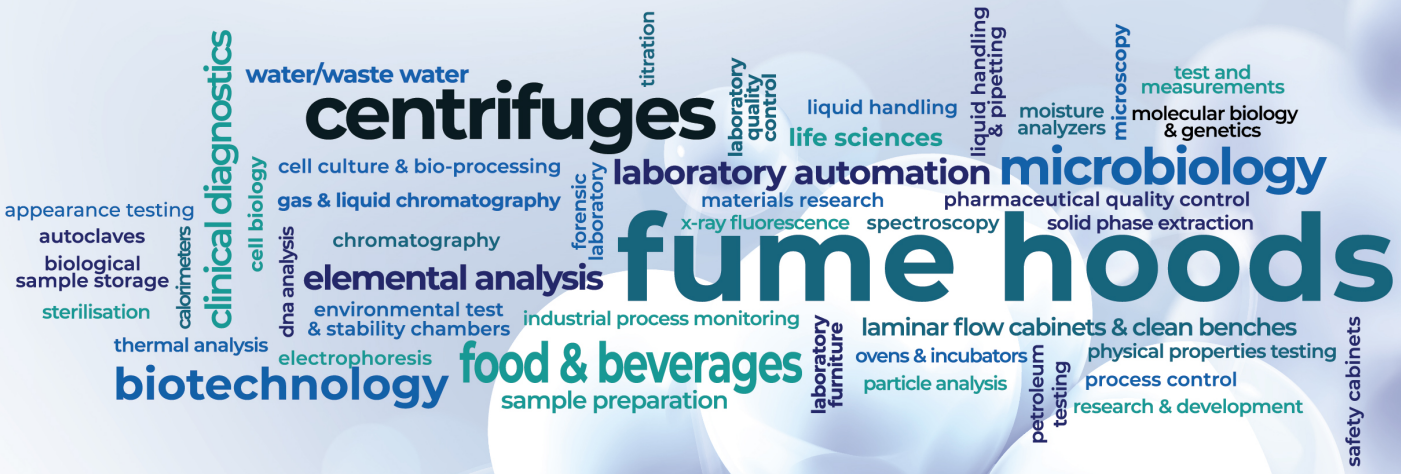
# Automatic Refractometer IAR-2000 Series

Automatic Refractometer IAR-2000 Seriesis used to reduce differences value in measuring data between user with excellent accuracy and readout value it can used to measure refractive index and brix value of sample at different temperature. The IAR-2200 is equipped with LED light source which replace the tungsten because of their exceptionally durability of 100, 000 hours. The intensity of reflected light is determined by CCD scanner and resulting position of light or dark boundary automatically. To avoid stray light and evaporation, the sample cover is placed over the sample and Sapphire glass and hard glass contain prism. The ISAR-2200 series provide refractive index range, up to 1.30000 to 1.70000, resolution 0.00001 and brix range, up to 100 %, resolution 0.01%, with temperature range 5 to 80℃ and 10 to 50℃.




- Used oil industry, pharmaceutical industry, paint industry, food industry, daily chemical industry, sugar industry, geological exploration or institutions
- With Measuring Prism made up of sapphire glass and hard glass
- Provide protection anti-corrosion
- Reduced chance of error by using CCD sensor
- LED cold light source with the long working life more than 100000 hours
- Automatic Temperature Compensation(ATC)
- Excellent storage up to 4 GB
- Comes with RS232/USB/SD card/U disk/Internet/Wi-Fi interface

IRIS ANALYTICAL




IRIS Analytical Inc.

cs@irisanalytical.com +1 706 760 4500 www.irisanalytical.com