

Refractometers

Refractometer, hand held, digital, AR200



The AR200 is suitable for use in the laboratory, on the factory floor or in the field. It is suitable for numerous applications including HFCS, salinity and chlorinity testing in various industries, such as agriculture, food, beverage, wine, beer, petroleum, plastics, and pharmaceuticals.

- Full Brix (% solids) scale per ICUMSA, plus an extensive library of custom channels for numerous applications, including HFCS, salinity and chlorinity
- Easy 3 button operation, with one button calibration using distilled water
- Set point or set point/span calibration
- Sapphire prism for greater durability and more accurate automatic temperature compensation (ATC)
- CE certified



The AR200 offers computer interface capability, custom scale programming and automatic temperature compensation. It comes with software with a library of over 40 custom scales, such as Brix, HFCS, and salinity. Available as an optional accessory is an infrared (IR) docking cradle. The IR cradle allows you to easily load custom channels and download readings directly to a PC.

Technical Specification

Range	°Brix: 0.0 to 95.0 RI: 1.3300 to 1.5600
Resolution	°Brix: 0.1 RI: 0.0001
Scale	RI/°Brix/user definable (up to three)
Power requirements	4 x AAA batteries
Mass, g	408
Dimensions [w x d x h], mm	90 x 35 x 180

Catalogue No	Legacy No	Alt. No	Description
10258174	-	13950000	AR200 refractometer

Accessory

Catalogue No	Legacy No	Alt. No	Description
10536865	-	13951000IR	IR docking station and software

Refractometer, bench top, digital, compact, Reichert r²i300



The r²i300 is suitable for numerous applications in various industries, including agriculture, food, beverage, wine, beer, petroleum, plastics, and pharmaceutical.

- Full Brix (% solids) scale per ICUMSA, plus an extensive library of custom channels for numerous applications, including HFCS, salinity and chlorinity
- Automatic temperature compensation eliminates the need for a water bath circulator
- One button calibration using distilled water
- Stores last 1,000 measurements and calibrations history log in memory
- CE certified

The Reichert r²i300 has a small footprint but all the speed and power of much larger automatic, benchtop refractometers. It comes with a CD loaded with over 30 custom scales for a wide variety of applications.

The r²i300 connects to a PC via RS-232 serial port for easy downloading of measurements and loading of custom channels, it also connects directly to a printer via a printer port. The r²i300 is supplied with a RS-232 to USB adapter cable.

Technical Specification

Range	°Brix: 0.0 to 95.0 RI: 1.3330 to 1.5600
Accuracy	°Brix: ±0.1 RI: ±0.0001
Scale	RI/°Brix/custom (up to 7)
Calibration	Set point or set point/span (user defined)
Electrical supply	220V, 50/60Hz
Mass, g	3175
Dimensions [w x d x h], mm	309 x 225 x 84

Catalogue No	Legacy No	Alt. No	Description
10152963	-	13980000	r ² i300 refractometer