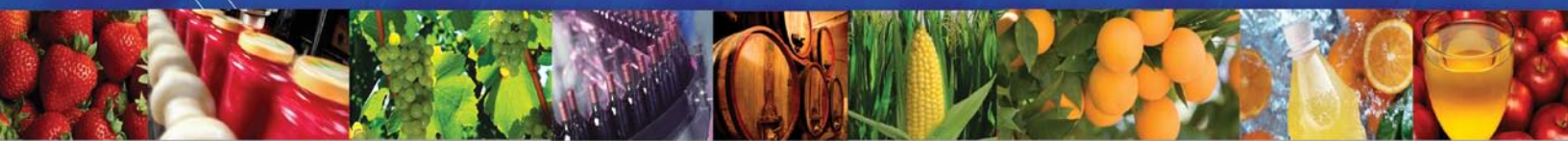


Reichert *r²i300* Compact Digital Refractometer



Speed, Accuracy and Power in a Compact Design!

Compact and Powerful!

The *r²i300* has a footprint about the size of a standard sheet of paper (12 inches x 8.75 inches), yet it is as fast, accurate and powerful as much larger automatic benchtop refractometers! The *r²i300* has the memory capacity to store the calibration log and the last 1,000 measurements, date & time stamped. You can print the calibration log and measurements (Thermal Printer available as an accessory) or you can download them to a PC via RS-232 or USB port (RS-232 cable & RS-232-to-USB cable adapter included).

The *r²i300* has wide Brix and Refractive Index (RI) reading ranges for a wide variety of applications. It can measure dark-colored and opaque samples.

The *r²i300* meets the testing requirements of many of the diverse applications in various industries, including Food, Beverage, Chemical, Pharmaceutical, and Petroleum.



Reichert <i>r²i300</i> Technical Specifications	
Catalog Number	13980000
Model	<i>r²i300</i> Compact Digital Refractometer, with: • PC Synchronization CD • Custom Channel CD • RS-232 Cable and RS-232-to-USB Cable Adapter
Range/Accuracy	1.3330 to 1.5600 n_D / ± 0.0001
Brix Range/Accuracy	0.0 to 95.0% (per ICUMSA) / $\pm 0.1\%$
Calibration	Set Point or Set Point/Span User Defined
Prism Assembly	Glass in Stainless Steel Well
Dimensions (WxDxH)	12 x 8.75 x 3.25 inches (30.9 x 22.5 x 8.4 cm)
Weight	7.0 lbs (3.175 kg)
Power	110V/220V, 50 Hz/60 Hz
Warranty	2 Years
Reichert <i>r²i300</i> Accessories	
13981000	THERMAL PRINTER -110V
13982000	THERMAL PRINTER -220V
13981000-103	THERMAL PRINTER PAPER (5 Rolls/Pkg)

Reichert *r²i300* Key Features:

- Multiple Reading Scales - % Brix and RI, plus seven (7) additional scales
- Custom Channel CD – library of over 30 custom scales
- Memory capacity to store calibration logs and last 1,000 measurements
- PC-connectivity via RS-232 or USB – includes PC Synchronization CD
- Automatic Temperature Correction
- Easy to use – one-button read

Custom Scales

Customize the *r²i300* to fit most measurement needs. In addition to the Brix/RI channel, the *r²i300* can hold up to seven (7) custom channels, all with or without Automatic Temperature Correction (Compensation). You can load custom channels from the **Custom Channel CD** (included with the unit). Choose from over **30 custom scales**, including:

- High Fructose Corn Syrup
- Salinity
- Methanol
- Honey
- Urine Specific Gravity
- Dextrose

Create a Partnership in Precision

All of our refractometers come with world-class customer service and technical assistance. Whether you're measuring Brix, RI, or a custom scale, Reichert will work with you to ensure your Reichert Refractometer exceeds your expectations.

Reichert
Analytical Instruments

Innovative precision instruments for over a century

Reichert Provides Real World Solutions and Outstanding Value to Every Customer

Digital Benchtop Refractometers

AR7 Series



AR6 Series



r²i300



Part #	Description
13107000	AR700 AUTOMATIC REFRACTOMETER
13107700	AR70 AUTOMATIC REFRACTOMETER
13106000	AR600 AUTOMATIC REFRACTOMETER
13106600	AR60 AUTOMATIC REFRACTOMETER
13980000	r ² i300 AUTOMATIC REFRACTOMETER

Transmission Style Abbe Refractometers

Arias 500



Abbe Mark III



Part #	Description
1310499SA	ARIAS 500 SEMI-AUTOMATIC ABBE REFRACTOMETER
1310488M	Abbe MARK III REFRACTOMETER

Diagnostic/Laboratory Instruments

UNISTAT Bilirubinometer



Colony Counter



Part #	Description
1310310C	UNISTAT BILIRUBINOMETER 115V
1310311C	UNISTAT BILIRUBINOMETER 230V
13102140	SPECIMEN CUVETTES (51 PER PKG)
13332700	DIGITAL COLONY COUNTER 110V
13332800	DIGITAL COLONY COUNTER 220V
13332500	MANUAL COLONY COUNTER 110V
13332600	MANUAL COLONY COUNTER 220V

Digital Hand-Held Refractometers

r²mini



AR200/TS METER-D with Optional Communications Cradle

Part #	Description
13940000	r ² mini REFRACTOMETER
13950000	AR200 REFRACTOMETER
13952000	AR200 W/ IR COMMUNICATIONS PKG
13960000	TS METER-D CLINICAL REFRACTOMETER
13962000	TS METER-D CLINICAL W/ IR COMMUNICATIONS PKG

Hand-Held Refractometers

Rhino Model

Goldberg w/Optional Illuminated Stand



HP Model

Part #	Description
13104230	GOLDBERG BRIX 0-30
13104190	GOLDBERG SALINITY METER
1310400A	GOLDBERG TS METER
13104060	GOLDBERG ILLUMINATED TABLE STAND 110V
13104080	GOLDBERG ILLUMINATED TABLE STAND 220V
13740000	TS400 HP CLINICAL REFRACTOMETER
13851500	15HP 0-15 BRIX
13853500	35HP 0-35 BRIX
13856500	65HP 35-65 BRIX
13859000	90HP 65-90 BRIX
13851000	IFT10HP INDUSTRIAL FLUID TESTER
13759600	BC3 HP BRAKE-CHEK
137596C0	BC3C HP BRAKE-CHEK
13759510	BC4 HP BRAKE-CHEK (USA)
13759500	BC4 HP BRAKE-CHEK (European)
137530L0	RHINO 0-30 BRIX
137531L0	RHINO 0-50 BRIX
137533L0	RHINO 50-90 BRIX
137564L0	RHINO DC60 COOLANT DEG C
137584L0	RHINO DC70 COOLANT DEG F
13754000	RHINO IFT40 INDUSTRIAL FLUID TESTER
137536L0	RHINO VET360 TS METER
137528L0	RHINO OE200 WINE TESTER



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