

# The Reichert family of HP Handheld Refractometers



## Speed, Greater Accuracy and Unbelievable Durability in a Compact Design!

### HP Series BRIX Handheld Refractometers: Designed specifically for the Food and Beverage Industry.

The Reichert HP Series of high precision Brix handheld refractometers are designed specifically for the food and beverage industries. They are ideal for measuring sugar concentrations in raw materials and end products. They may also be used in numerous other industries where concentration measurements are desired. The HP Series has an exceptional optical design that improves image resolution and provides high contrast for easy viewing of scales.



### HP TS 400 Handheld Refractometer: USG, serum protein and refractive index scales In one high precision instrument.

The Reichert TS 400 is a high performance hand-held clinical refractometer that determines urine specific gravity, protein concentration in plasma or serum, and total solids in other aqueous solutions. It is designed specifically for clinical, chemistry and classroom laboratories.

### Reichert Industrial Fluid Testers: Accurate, portable, rugged.

Reichert's Industrial Fluid Testers are hand-held refractometers designed to quickly determine ratio or concentration of water-soluble industrial fluids or lubricants. The IFT 10 HP features a 10X focusable eyepiece for improved image quality and is ideal for synthetic lubricants, low concentration cutting fluids and other water soluble lubricants. The Rhino IFT 40 is designed for cutting fluids, water-soluble lubricants, fire-fighting foam and any water-soluble fluid. Both instruments are feature-packed with a rugged, chemical resistant housing to stand up to the demands of field use.

#### Reichert HP Series BRIX Refractometers

MODEL	15HP	65HP
Catalog Number	13851500	13856500
Range % Solid as Sucrose (BRIX)	0-15	35-65
Scale Division	0.1	0.2
Refractive Index Range	1.3330-1.3557	1.3903-1.4535
Accessories	Include durable plastic carrying case, sample application pipettes, calibration adjustment wrench	
Weight	8.3 oz. (234.9 grams)	
Size	8.2"L x 1.9"W x 1.8"H (205mm x 46mm x 44mm)	

#### Reichert TS 400 Refractometer

Catalog Number	13740000
Scales	Urine Specific Gravity, Serum Protein Refractive Index
Accuracy	Urine Specific Gravity: $\pm 0.001$ Serum Protein: $\pm 0.2$ g/100mL Refractive Index: $\pm 0.0004$
Range	Urine Specific Gravity: 1.000 – 1.050 Serum Protein: 0.0 – 12.0 g/100mL Refractive Index: 1.3330 – 1.3570

#### Reichert IFT 10HP / Rhino IFT 40 Industrial Fluid Tester

MODEL	IFT 10HP	Rhino IFT 40
Catalog Number	13851000	13754000
Range	0-10	0-30
Scale Division	0.2	0.5
Refractive Index Range	1.3330-1.3478	1.3330-1.3860
Calibration Liquid	Distilled Water	Distilled Water



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



r<sup>2</sup>i300



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

## Transmission Style Abbe Refractometers

Arias OptiMatrix 500



Abbe Mark III



Part #	Description
1310499SA	ARIAS OPTIMATRIX 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

r<sup>2</sup>mini



AR200/TS METER-D with Optional Communications Cradle

Part #	Description
13940000	r <sup>2</sup> 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



Corporate Headquarters  
 Reichert, Inc.  
 3362 Walden Avenue  
 Buffalo, New York 14043 USA  
 Tel. +1 716-686-4580  
 Fax. +1 716-686-4555  
 Toll Free USA 1-888-849-8955

European Headquarters  
 Reichert Instruments GmbH  
 Hubertusstrasse 2  
 D-82229 Seefeld, Germany  
 Tel. + 49 8152 99 3530  
 Fax. +49 8152 99 35311

e-mail: ai@reichert.com  
 www.reichert.ai.com

r2i-6/10