

# Reichert Goldberg Clinical Refractometer



Reichert's Exclusive Liquid Filled Prism Technology delivers Laboratory Precision in the Palm of Your Hand.

**The Goldberg Series Refractometer TS Meter** is a high precision hand-held clinical refractometer that determines urine specific gravity, protein concentration in plasma or serum, and total solids in other aqueous solutions. Automatic temperature compensation provides accurate, reproducible results instantly using our exclusive hermetically sealed, liquid-filled prism that changes index with temperature. The TS Meter provides readings with a degree of accuracy, reproducibility and speed significantly better than those obtained with urinometers or with non-temperature compensated instruments. Accuracy and reproducibility are comparable to those of more costly bench-type Abbe refractometers. No other hand-held refractometer offers such an exacting and precise compensation method.



#### TS Meter Key Features

- **Urine specific gravity scale reading (range 1.000-1.035) with precision to 0.001 units**
- **Serum/Plasma Protein concentration (range 2.5-15grams/100mL) with precision of 0.1 grams/100mL**
- **Refraction (0-320) with precision to 2**
- **Small sample required - just 0.005 mL - for accurate analysis**
- **Accuracy and reproducibility comparable to benchtop Abbe refractometers**



#### Goldberg Series TS Meter Technical Specifications

<b>Catalog No.</b>	1310400A
<b>Scales</b>	Urine Specific Gravity, Serum Protein, Refraction
<b>Accuracy</b>	Urine Specific Gravity: $\pm 0.001$ Serum Protein: $\pm 0.1$ g/100mL Refraction Units: $\pm 2$
<b>Range</b>	Urine Specific Gravity: 1.000 - 1.035 Serum Protein: 2.5 - 15.0 g/100 mL Refraction: 0 - 320

#### Goldberg Series TS Meter Accessories

13104060	Illuminated Table Stand, 110V
13104080	Illuminated Table Stand, 220V

**Reichert**  
Analytical Instruments

Innovative precision instruments for over a century

#### 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.

## 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

## 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

## 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

## 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

## 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



**MERCOFrames OPTICAL CORP**

5555 Nw 74 Ave. Miami, FL 33166  
[www.mercoframes.net](http://www.mercoframes.net)  
[ale@mercoframes.net](mailto:ale@mercoframes.net)