

THE NEW

# Reichert *TS Meter-D* Clinical Digital Hand-held Refractometer



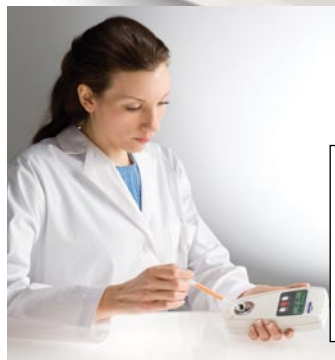
The performance of a lab instrument.  
The ease and price of a hand-held.

**From the company that brought you the Goldberg *TS Meter*—the industry standard.**

The Reichert *TS Meter-D* is the first clinical digital, hand-held refractometer that performs as well as most laboratory-grade refractometers. Yet it offers the ease of use and price of a hand-held. It's designed to automatically read samples with precision comparable to high-end automatic refractometers. Operator interpretation of unclear shadowlines is no longer necessary.

**New sapphire prism for greater durability and accuracy.**

The *TS Meter-D's* new sapphire prism delivers 2.5x more conductivity to temperature than a conventional glass prism, providing greater accuracy of the Automatic Temperature Compensation (ATC) calculation. The result? A more precise measurement every time! Four times harder than glass, the sapphire prism is resistant to demanding applications, providing lasting durability and service over the life of the refractometer.



*TS Meter-D Refractometer with optional IR Communication Package allows for Reading Log, Calibration Log, and Custom Scale transfer to any PC.*

Reichert <i>TS Meter-D</i> Clinical Technical Specifications	
<b>Catalog Number</b>	13960000
<b>Reading Range</b>	1.3300 to 1.5600 Refractive Index 1.000 to 1.060 Urine Specific Gravity 1.000 to 1.200 Copper Sulfate Specific Gravity 0.0 to 15.0 g/100mL Serum Protein
<b>Scale</b>	Refractive Index, Urine Specific Gravity, Serum Protein, Copper Sulfate
<b>Precision</b>	0.0001 Refractive Index ±0.001 Urine Specific Gravity ±0.001 Copper Specific Gravity ±0.1 g/100mL Serum Protein
<b>Calibration</b>	Set Point or Set Point/Span User Definable
<b>Prism Assembly</b>	Sapphire in Stainless Steel Well
<b>User Interface</b>	Simple, Effective 3-Button Operation
<b>I/O</b>	IR Docking Station via RS-232-C Serial Port
<b>Warranty</b>	2 Years
<b>Power</b>	4-AAA Alkaline Batteries Included
<b>Battery Life</b>	3000+ Readings with Auto-Off Sleep Mode
<b>Dimensions</b>	7" L x 3.75" W x 1.37" H (18 x 9 x 3.5 cm)
<b>Accessories</b>	13951000 - IR Communications Package (Docking Station and Software)
<b>Additional Features</b>	Electronics Reading Log of the last 225 Readings and Current Calibration Log

**Measure different samples with just one instrument.**

A wide reading range (better than twice that of any competitive instrument) enables the use of just one instrument to measure different samples. The best-in-class accuracy of ±0.0001 Refractive Index ensures the right result every time.

**Reichert *TS Meter-D* Clinical Digital Hand-held key features:**

- **Direct reading of Urine Specific Gravity, Copper Sulfate Specific Gravity, Serum or Plasma Protein concentration...all with great precision**
- **Touch-of-a-button easy**
- **Lab instrument accurate**
- **No more guessing about fuzzy shadowlines**
- **Any operator gets fast, accurate results**
- **Wide reading range and multiple scales means one instrument—not many**
- **New sapphire prism for greater durability and more accurate ATC calculation**
- **Very affordable - real value**



Analytical Instruments  
Innovative precision instruments for over a century

## 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



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