

# Reichert's UNISTAT® Bilirubinometer Measures Total Serum Bilirubin Concentration Easily & Accurately in Under 5 Seconds!

Point-of-care Testing for  
All Skin Types and Ethnicities.



Reichert's UNISTAT Bilirubinometer uses a photometric analyzer to provide accurate and rapid measurements of total serum bilirubin (TSB) concentration in undiluted serum. The photometric analyzer is the ideal STAT-level analyzer for determining TSB in newborn infants.

The UNISTAT Bilirubinometer is the most trusted and reliable STAT analysis of TSB available. The results from a recent 3rd party study determined that the correlation between the UNISTAT and the diazo Jendrassik-Grof method was 99%<sup>1</sup>.

### Bilirubinometer Key Features

- Measures TSB concentration in 5 seconds
- Measures undiluted serum
- Corrects for oxyhemoglobin
- Full measuring range
- Automatic calibration setting
- Low operating cost
- Easy to use

UNISTAT® Bilirubinometer Technical Specifications	
Catalog No.	1310310C
Model	UNISTAT® Bilirubinometer comes with: box of 51 disposable cuvettes, calibration and high-level check cuvettes, reference manual, replacement lamp, 3-wire cord with grounded plug, 115V, 50/60 Hz
Sample Size	20µL undiluted serum
Results Displayed	5 seconds
Turnaround Time	15 seconds
Readout	Digital direct reading, mg/dL or µmol/L
Range	0-40 mg/dL 0-684 µmol/L
Accuracy	±5% [0-30 mg/dL (0-513 µmol/L)] ±10% [30.1-40 mg/dL (515-684 µmol/L)]
Operating Voltage	115 V, 50/60 Hz
UNISTAT® Bilirubinometer Options & Accessories	
Catalog No.	Description
1310311C	UNISTAT Bilirubinometer, same as above but 230 V, 50/60 Hz
13102140	Disposable cuvettes for UNISTAT Bilirubinometer, package of 51
13103410	Calibration cuvette (approximate assay value 20 mg/dL, 342 µmol/L)
13103420	High-level check cuvette (approximate assay value 41 mg/dL, 701 µmol/L)
13103430	Low-level cuvette (approximate assay value 12 mg/dL, 205 µmol/L)

**Reichert**  
Analytical Instruments

Innovative precision instruments for over a century

<sup>1</sup> H A Barko, G L Jackson, W D Engle; **Evaluation of a point-of-care direct spectrophotometric method for measurement of total serum bilirubin in term and near-term neonates**; *Journal of Perinatology*; 01 Feb 2006; **26**, 100 - 105

## Digital Benchtop Refractometers

AR7 Series

AR6 Series

*ri300*

Part #	Description
13107000	AR700 AUTOMATIC REFRACTOMETER
13107700	AR70 AUTOMATIC REFRACTOMETER
13106000	AR600 AUTOMATIC REFRACTOMETER
13106600	AR60 AUTOMATIC REFRACTOMETER
13980000	<i>ri300</i> AUTOMATIC REFRACTOMETER

## Digital Hand-Held Refractometers

AR200/TS METER-D  
with Optional  
Communications  
Cradle

*r<sup>2</sup>mini*

Part #	Description
13940000	<i>r<sup>2</sup>mini</i> 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 500

Abbe Mark III

Part #	Description
1310499SA	ARIAS 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

**Reichert**  
Analytical Instruments

Innovative precision instruments for over a century

**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](mailto:ai@reichert.com)  
[www.reichertai.com](http://www.reichertai.com)