



Urisys 1100[®] Urine Analyzer
Create more time with the push of a button.



It takes care of test results... so you can take care of other things.

Urinalysis can be a valuable diagnostic tool—and a time-intensive one. Manually evaluating and recording results often takes time away from other important tasks.

The CLIA-waived Urisys 1100 urine analyzer makes testing fast and automatic. With the push of a button, it evaluates the test strip and prints a patient report. Compared to visual testing, that can help make your lab more efficient and gives you more time for other things—and helps make your lab operations more efficient.

Automated testing for convenience and consistency

With simple, one-button operation, the Urisys 1100 urine analyzer makes urine testing fast, easy and accurate.

- **Automated test** eliminates visual inspection and waiting for results
- **Automatic result** printout ensures consistent, accurate results
- **Optional results downloading**, including device ID, operator ID and patient ID, eliminates manual data entry errors
- **Optional operator lockout** function helps facilitate regulatory compliance
- **Simple cleaning** minimizes maintenance needs
- **Flexible strip options:** Chemstrip® 10MD*, Chemstrip 7, or Chemstrip 5 OB test strips
- **Error messages** alert user to issues that could affect accuracy of results

* Hospitals may use Chemstrip 10 UA Test Strips

Urisys 1100 Urine Analyzer

Interface port provides unidirectional, bidirectional and ASTM download capability

Optional barcode reader or keyboard for entry of patient ID and operator ID

Fast, quiet printout of results eliminates transcription errors

Printer compartment opens for fast, easy paper replacement

100-result memory

Easy-to-use function keys and software for customized user setup

One-button operation

Color compensation pad on test strip corrects for strong urine color

Removable tray allows for easy cleaning

Uses high-quality Chemstrip Urine Test Strips



Profile of Tests– Urisys 1100/Chemstrip

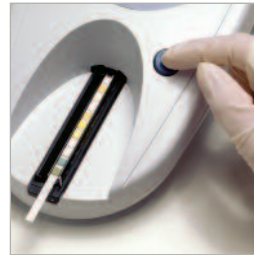
- | | |
|--------------|----------------|
| • SG | • Urobilinogen |
| • Glucose | • Nitrite |
| • pH | • Bilirubin |
| • Ketone | • Protein |
| • Leukocytes | • Blood |

Simple, fast and accurate urine testing

Just press the button and the Urisys 1100 analyzer does the rest – it automatically reads and evaluates test strips for simple, efficient urine testing.



1 Dip and blot the test strip, then place it in the analyzer.



2 Simply press the start button and the analyzer does the rest.



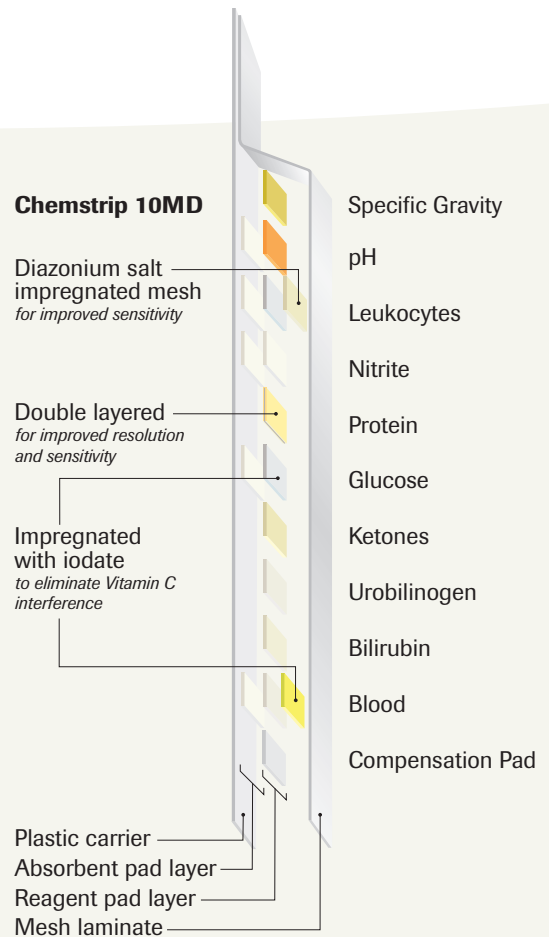
3 Fast, quiet test strip evaluation and printout of results.

Use Chemstrip technology for performance and accuracy

The unique, patented strip design has proven over time to deliver the highest level of accuracy and performance.

Virtual elimination of vitamin C interference helps eliminate false negatives to prevent missed diagnoses^{1,2}

Diffusion and runover protection from a unique layered construction



Unique layered construction

A protective layer of mesh holds reagent pads in place, allowing additional absorbency pads to be used to provide superior diffusion and help prevent runover.

The versatile solution for a range of testing needs

The Urisys 1100 Analyzer is designed for optimum performance with test volumes between 10 and 50 tests per day. It can be used with the following urine test strips.

Chemstrip Urine Test Strips

	SG	pH	Leukocytes	Nitrite	Protein	Glucose	Ketone	Urobilinogen	Bilirubin	Blood
Chemstrip 10 MD*	•	•	•	•	•	•	•	•	•	•
Chemstrip 7		•	•	•	•	•	•			•
Chemstrip 5 OB			•	•	•	•				•



* Hospitals may use Chemstrip 10 UA Test Strips.

System Information

Type	Reflectance photometer
Measuring System	1 measuring head with 6 LEDs Wavelengths: 565 nm, 610 nm
Measuring Cycle	Approx. 70 seconds
Max Throughput	Approx. 50 test strips/hour
Incubation Time	55-65 seconds
Memory	100 results capacity
Display	Liquid Crystal Display (LCD), 2 lines of 24 characters
Printer	Thermal printer
Interfaces	1 serial, D-Sub socket, 9-pin female, unidirectional or bidirectional (selectable) port for data transfer to PC or central host computer. 1 5-pin DIN socket for AT/PC keyboard/barcode reader connection.
Size	WxDxH approx. 150x290x95 mm
Weight	Approx. 8kg (2.1lbs)
Warranty	1 year
Calibration	Every 7 days using Chemstrip Calibration Strips
Reimbursement (CPT Codes)	81001 (with microscopy) 81003QW (without microscopy)

Ordering Information

For purchasing information, call Roche Diagnostics at 1-800-852-8766 or contact your local distributor. Additional product information is available at the website listed below.

www.poc.roche.com

	Catalog Number
Urisys 1100 Urine Analyzer	03617556001
Chemstrip 10MD Test Strips	03260763160
Chemstrip 7 Test Strips	11008552160
Chemstrip 5 OB Test Strips	11893467160
Chemstrip Calibration Strips	11379194160
Thermal Printer Paper	03666751001
Keyboard (optional)	11248693001
Barcode Reader (optional)	05382262001
Barcode Reader Cable (optional)	12031094001
Interface Cable (optional)	11906186001

1 As little as 250 mg/dL per day of vitamin C can cause false negative results with some blood and glucose test strip pads. Bridgen ML, Edgell D, McPherson M, Leadbeater A, Hoag G. "High Incidence of Significant Urinary Ascorbic Acid Concentrations in a West Coast Population – Roche Diagnostics Corporation Implications for Routine Urinalysis." *Clinical Chemistry*, 38: 426-431, 1992.

2 Nagel D, Seiler D, Hohenberger EF, Ziegler M. "Investigations of Ascorbic Acid Interference in Urine Test Strips." *Clin. Lab.* 2006;52:149-153

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Roche Diagnostics Corporation
9115 Hague Road
Indianapolis, IN 46256
www.poc.roche.com