

Urilyzer[®] Auto



One step ahead in
urine diagnostics



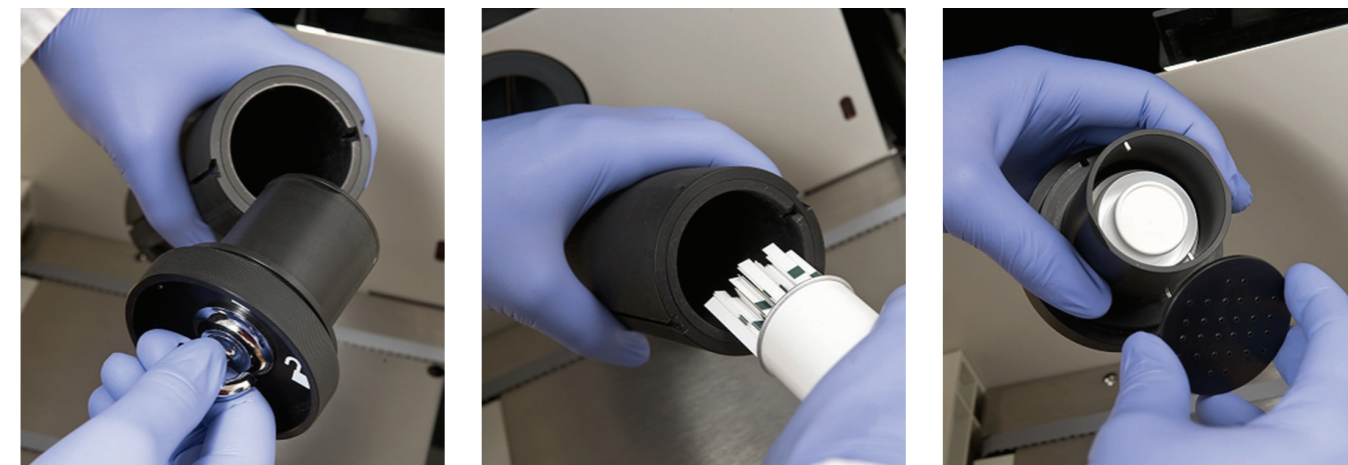
agile - affordable - accurate

The Urilyzer® Auto is a newly designed fully-automated urine test strip analyzer introducing the pipetting technique in combination with a new LED based measuring head to analyze the CombiScreen® 11 Auto urine strip. In addition the system has a Physical Measurement Cell (PMC) module for determination of specific gravity, color and turbidity. The system is specifically designed to improve the accuracy and safety of urine test strip evaluation.

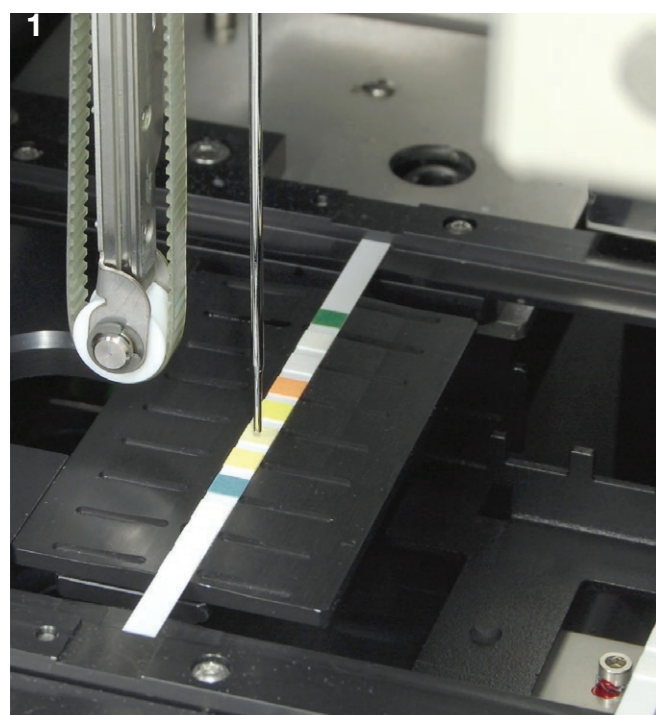
The Urilyzer® Auto is a stand-alone instrument which can be interfaced to the Urilyzer® Sed microscopic urine sediment analyzer in order to have a common urine status report.

Efficient and affordable

- Uses distilled water as the only system liquid. At least 300 tests can be performed with only 5 L distilled water.
- 10 sample racks with 10 sample positions each ensure a throughput of up to 240 tests/hour.
- Two Hamilton syringes ensure accurate and fast mixing and loading of the urine sample.
- The system does not require a calibration by the user. Each time the instrument is turned on, it performs a system test.



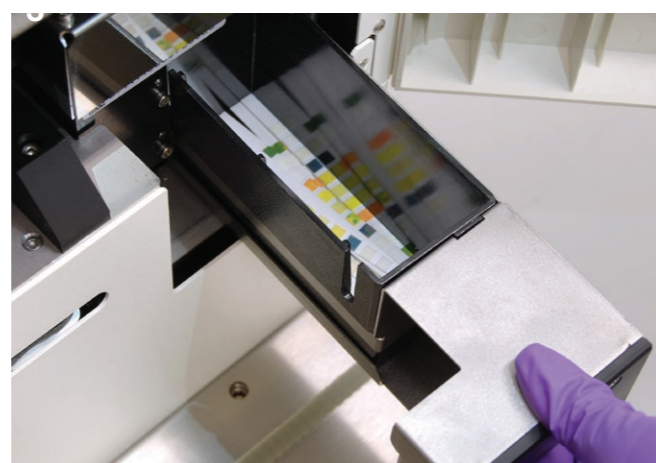
Filling the strip container directly with one tube of CombiScreen® 11 Auto strips. The drying agent may be used to ensure onboard stability.



1: The sample needle performs the mixing and loading of the urine sample. A minimal sample volume of 2 ml is sufficient.



2: Closed strip loader container with high capacity.



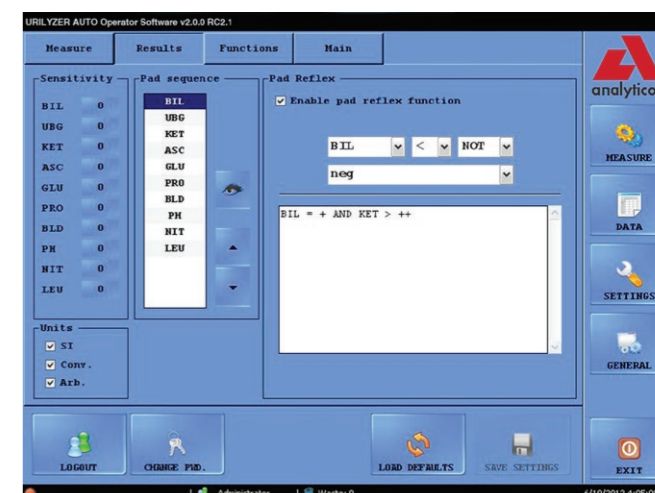
3: Hygienic waste box for used test strips on the right side of the analyzer.

Reliable and accurate

- The Urilyzer® Auto is based on a reflectance photometer that analyzes the intensity and color of light reflected from the urine strip. The optical unit contains four LEDs that emit light at various wavelengths.
- The optical head features an auto-compensation: A separate detector measures continuously the brightness level of the light source and compensates the results accordingly.
- Minimal sample volume of only 2 ml is required. The level of the sample is controlled by a liquid level sensor.
- The Physical Measurement Cell (PMC) module ensures an accurate measurement of the specific gravity, the turbidity and the color of the urine sample.

Easy-to-use and agile

- Convenient strip loading by direct pouring of 150 CombiScreen® 11 Auto urine strips out of the tube into the strip feeder container.
- Built-in barcode reader and thermal printer.
- The comfortable color touchscreen guides the user through the menu.
- The Urilyzer® Auto has a memory capacity of up to 10,000 results.



The Urilyzer® Auto has an easy-to-use, user-friendly menu system. The main menu points are on the right side of the screen; their relevant sub-menus are at the bottom.

Specifications

Type	Fully automated benchtop urine test strip analyzer
Measurement technology	Reflectance photometer with 4 wavelengths: 505, 530, 620, 660 nm + Physical Measurement Cell module (PMC)
Parameters	Test strip parameter: Bilirubin, Urobilinogen, Ketones, Ascorbic Acid, Glucose, Protein (Albumin), Blood (Hemoglobin), pH, Nitrite, Leucocytes PMC parameter: Color, Turbidity, Specific Gravity
Throughput	Up to 240 tests/hour
Data storage	Patient and QC database: 10.000 tests
Display	800x600 TFT color touchscreen
Interfaces	Serial RS232, USB, PS2, VGA
Dimensions	600 x 650 x 635 mm (WxDxH)
Weight	55 kg
Power supply	100-240 V AC, 50/60 Hz
Operating environment	Temperature: +15°C to +32°C Relative humidity (non-condensing): 30% to 80% Atmospheric pressure: 70 kPa to 106 kPa
Printer	Built-in thermal printer
Barcode reader	Built-in (optional external); Barcode types: CODE 39, CODE 128, EAN-13, EAN-8, INTERLEAVED 2/5, CODABAR
Protocols	LIS2 (ASTM+), HL7
Features	<ul style="list-style-type: none"> - Loading capacity (samples): Up to 100 in one batch - Loading capacity (urine test strips): 150 (one tube) - Racks: 10 racks, each with 10 positions - Minimum sample volume: 2 ml (native urine) - Automatic sample mixing - STAT function - Operator Management - Test strip & QC Management (full traceability via LOT and Expiry entry) - Data Management - Automatic printout or transfer of result - Flexible advanced testing and reporting options (e.g. sediment recommendation flag) - System solution: Only distilled water permanently connected - Connection to Urilyzer® Sed possible ⇒ Urilyzer® Duo

Urilyzer® Auto, Art.-No.: ULA240

Consumables

Urine Test Strips	Pack size	Art.-No.	Control	Pack size	Art.-No.
CombiScreen® 11 Auto	150 strips	95150	CombiScreen® Dip Check	2 x 15 ml	93010
			CombiScreen® Drop Check	2 x 5 ml	93015

Distributor information



Analyticon Biotechnologies AG

Am Muehlenberg 10
35104 Lichtenfels - Germany
Phone: +49 6454 7991-0
info@analyticon-diagnostics.com
www.analyticon-diagnostics.com