

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	Bilirubin, Urobilinogen, Ketones, Ascorbic Acid, Glucose, Protein, Blood (Hemoglobin), pH, Nitrite, Leucocytes, Microalbumin, Creatinine 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, DVI
Dimensions	600 x 650 x 635 mm (WxDxH)
Weight	55 kg
Power supply	100-240V ~ max. 3A, 50-60Hz
Operating environment	Temperature: +15°C to +32°C Relative humidity (non-condensing): 30% to 80% Atmospheric pressure: 80 kPa to 106 kPa
Printer	Optional external 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): 300 (two tubes) - 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 - RFID identification of racks

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 [®] Auto ACR	150 strips	95153			

Distributor information



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Reliable urine diagnostics for higher throughput

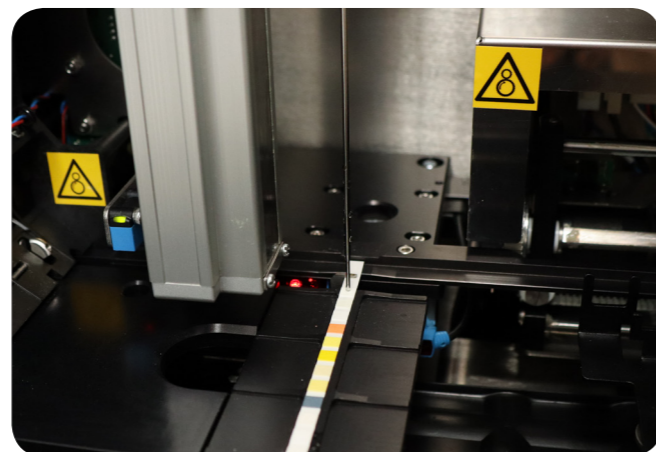


Fully-automated urine test strip analyzer

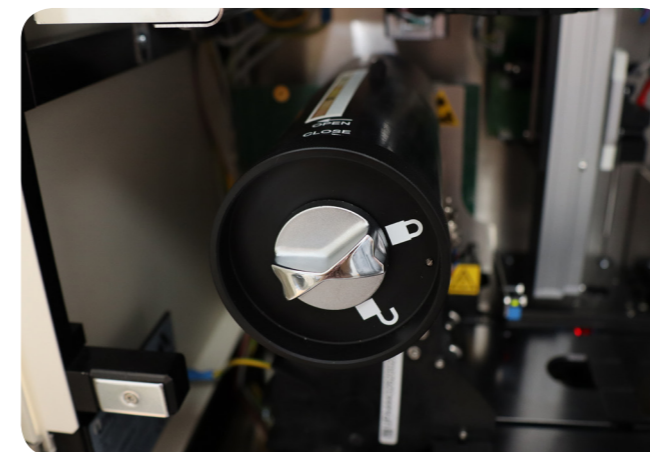
- △ Robotic pipetting technique
- ❖ Four wavelengths LED measuring head
- ✓ CombiScreen® 11 Auto
- ✓ CombiScreen® Auto ACR

Three additional parameters:
Specific Gravity, color and turbidity measured by a Physical Measurement Cell (PMC).

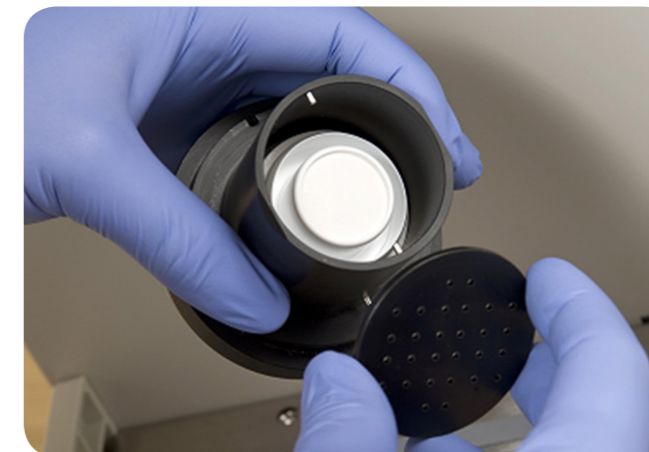
Specifically designed for accuracy and safety at urine test strip evaluation.



The sample needle performs the mixing and loading of the urine sample.



Closed strip loader container with high capacity.



The drying agent may be used to ensure onboard stability.

Efficient and affordable

- Uses distilled water as the only system liquid. Up to 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.
- The system does not require a calibration by the user. Each time the instrument is turned on, it performs a system test.

Easy-to-use and agile

- Convenient strip loading of up to 300 CombiScreen® urine test strips out of the tube into the strip feeder container.
- Built-in barcode reader
- Comfortable color touchscreen guides through the menu
- Memory capacity of up to 10,000 results.

Reliable and accurate

- A reflectance photometer analyzes the intensity and color of light reflected from the urine strip. Four LEDs emit light at various wavelengths (505, 530, 620, 660 nm).
- Minimal sample volume of only 2 ml 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.

Suitable urine test strips

CombiScreen® test strips are in vitro diagnostic (IVD) products used as preliminary screening tests for metabolic disorders as diabetes, liver and haemolytic diseases, urogenital diseases that affect the urinary tract (kidneys, ureters, bladder, urethra). Semi-quantitative results of the test strip parameters will be evaluated and reported automatically by the device.

Select according to your patient needs:

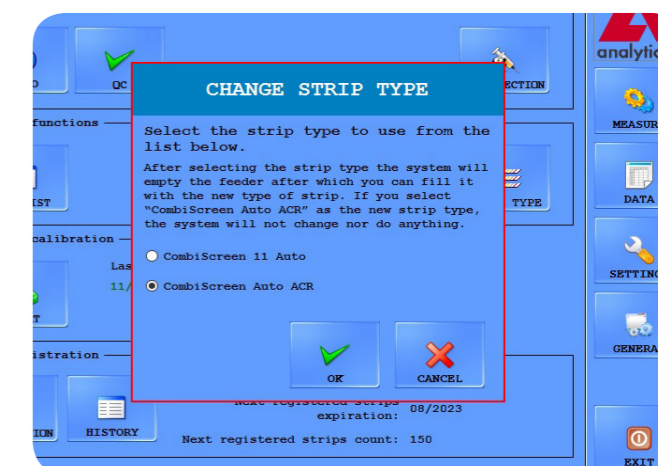
- CombiScreen® 11 Auto as a preliminary screening test for metabolic disorders, urogenital diseases, liver and haemolytic diseases (BIL, UBG, KET, ASC, GLU, PRO, BLD, pH, NIT, LEU, SG)
- CombiScreen® Auto ACR additionally for determination of micro- or macro-albuminuria (BIL, UBG, KET, ASC, GLU, PRO, CREA, BLD, pH, NIT, ALB, LEU)
- Ascorbic acid protection on the glucose and blood test pad.

Advantages of using CombiScreen® Auto ACR:

- Cost-effective and fast method. No 24h sample collection is necessary.
- The albumin-to-creatinine ratio provides accurate information about the microalbumin level in urine, regardless of the urine concentration.
- Automatic calculation and evaluation of the Albumin-Creatinine-Ratio and Protein-Creatinine-Ratio



User friendly menu with comfortable touchscreen.



Select your preferred strip type in the main menu.