

Urilyzer® 500 Pro



The Urilyzer® 500 Pro is a semi-automated urine test strip analyzer with enhanced functionality to the proven CombiScan® 500.

The high throughput of up to 500 tests/hour in combination with state of the art operator and data management functions provides the ideal system for mid-sized to bigger laboratories and for hospitals.

Advanced Solution in Urine Diagnostics



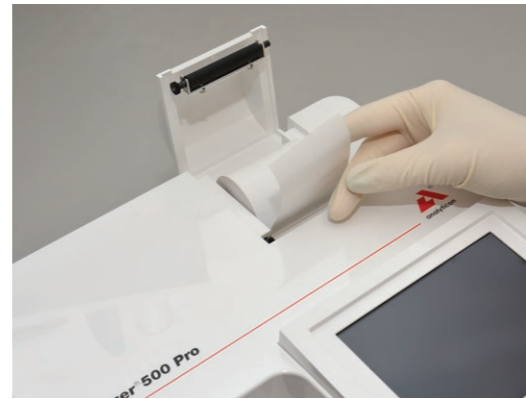
The Urilyzer® 500 Pro provides enhanced QC management and connectivity capabilities to meet the growing demands for compliance management and data capture.

In combination with the urine test strip CombiScreen® 11SYS and 11SYS PLUS the system offers uncompromising ease of use, high quality and efficiency in a compact format.

- Easy-to-use
- Data Management
- Quality Control Management
- Operator Management



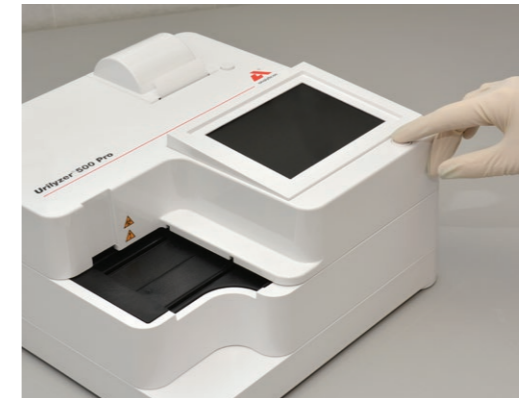
Insert the strip timer rake



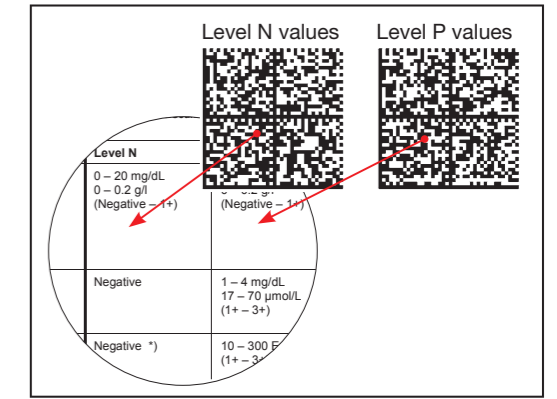
Load the printer paper



Connect the power supply



Power up the analyzer



Scan the QC reference ranges



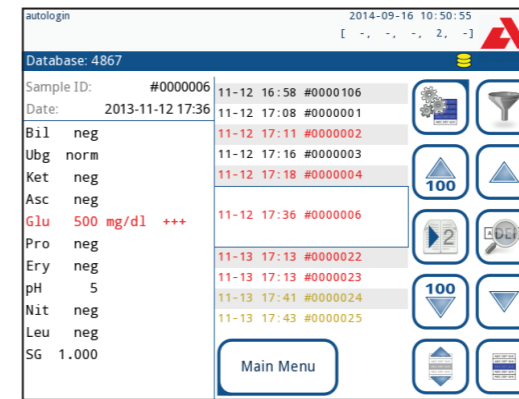
Perform the QC testing



Dip the urine test strip into the sample



Place it on the tray, measurement begins



Result is presented on display



Remove the strip waste, clean the analyzer

Easy-to-use

- Automatic strip detection (autostart)
- Easy-to-use software
- Color touchscreen operation
- High throughput of up to 500 tests/hour
- Microscopy flag (sediment recommendation)
- Standby function
- Minimal maintenance and convenient cleaning
- Continuous loading system

Start-Up Wizard

- On first usage the operator can select the language. Afterwards, the Start-Up Wizard leads through the user-defined settings
- The Start-Up Wizard enables the user to perform measurements without having to go through the complete user manual

Operator Management

- Multiple authorization levels
- Programmable operator management provides customized access levels & prevents unauthorized use

Data Management

- Flexible, customized testing and reporting options
- Advanced data entry (e.g. color, clarity, lot, expiry)
- Worklist transmission through LIS2 and HL7
- Optional barcode reader and external keyboard

Quality Control Management

- QC ranges can be entered via QR-Code
- Customizing of the QC protocol according to regulatory requirements and laboratory standards
- Enables QC reminder functions or lockout protocol in a customizable time interval
- QC results are compared to the entered reference values and the last 5000 QC records are stored

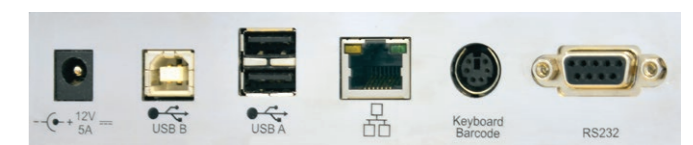
Color touchscreen

- Intuitive icons on a high-contrast, colortouch screen navigate the user through the menu
- Positive results, reminders and warnings are shown in color (e.g. red or yellow) and can be easily identified
- The flexible menu offers a lot of automated functions and is customizable to the specific user needs



The Urilyzer® 500 Pro offers a broad range of optimized usability features

The intuitive user interface improves data entry and allows manual entry of urine color and turbidity from a predefined list or by an additional comment. Moreover, the system provides the user with a high level of customization with flexible testing and reporting options. The intelligent data management provides multiple filter options. The analyzer offers an automated QC analysis with QC test reminders and supports LOT number documentation. In terms of system security the system allows the allocation of different security levels to individual users.



Specifications

Type	Semi-automated urine test strip analyzer with continuous loading
Measurement technology	Reflectance photometer with 4 wavelengths: 505, 530, 620, 660 nm
Parameters	Bilirubin, Urobilinogen, Ketones, Ascorbic Acid, Glucose, Protein (Albumin), Blood (Hemoglobin), pH, Nitrite, Leucocytes, Specific Gravity
Throughput	Up to 500 tests/hour
Data storage	Patient database: 5000 tests / QC database: 5000 tests
Display	5.7" LCD VGA capacitive touchscreen
Interfaces	Serial RS232, USB Type A, USB Type B, PS2 (external keyboard, barcode reader), Ethernet
Dimensions	300 x 300 x 180 mm (WxDxH)
Weight	6.5 kg
Power supply	12 V DC / 5 A
Operating environment	Temperature: +15°C to +30°C Relative humidity (non-condensing): 20% to 80%
Printer	Built-in thermal printer
Barcode Reader	External
Protocols	LIS2 (ASTM+), HL7
Features	Operator Management with advanced system security options Test strip & QC Management (full traceability via LOT and Expiry entry) Data Management Power Management Autostart of measurement (automatic strip detection) Automatic printout or transfer of result Flexible advanced information entry (e.g. sample color and turbidity) Flexible advanced testing and reporting options (e.g. sediment recommendation flag)

Urilyzer® 500 Pro, Art.-No.: UL0500Pro

Consumables



Urine Test Strips

CombiScreen® 11SYS PLUS
CombiScreen® 11SYS

Pack size

100/150 strips
100/150 strips

Art.-No.

94100/94150
93100/93150

Control

CombiScreen® Control PN

Pack size

2 x 15 ml

Art.-No.

93001



Distributor information



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