

# Urilyzer® 100 Pro



The Urilyzer® 100 Pro combines Analyticon's 35 years of experience in urine testing with an innovative instrumentation enabling a new way in urinalysis.

**A new way  
in urinalysis**



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

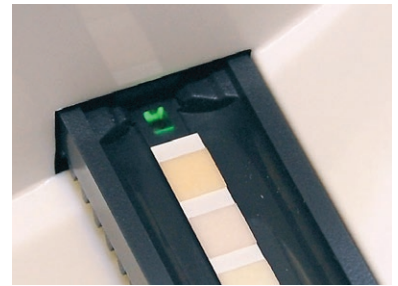
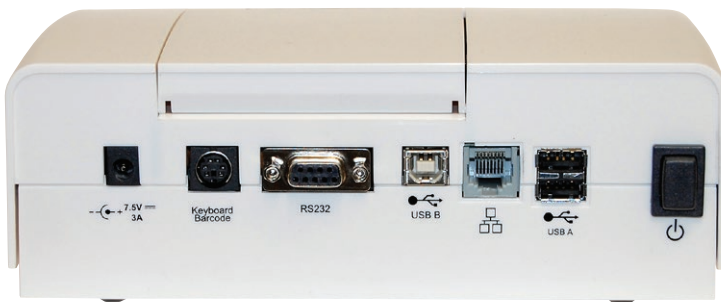
The Urilyzer® 100 Pro provides enhanced operator management and connectivity capabilities to meet the growing demands for compliance management and data capture.

### 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

### Autostart function

- Automatic start of the measurement after placing the urine test strip on the strip holder
- Simplifies operation of the analyzer and makes the workflow more independent of the user
- Hygienic and clean operation of the analyzer

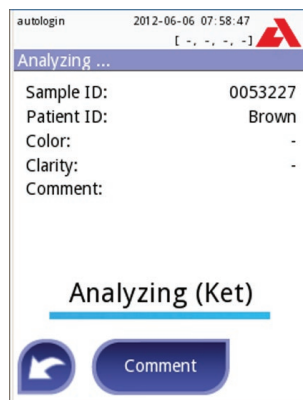
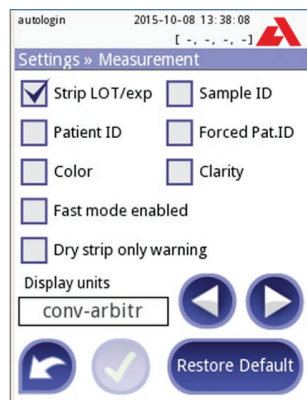


### Convenient connectivity

- Data can be transferred via serial connection or Ethernet
- A variety of interfaces for connecting external barcode scanner and/or keyboard (USB or PS2)
- Software updates are possible anytime via USB-stick

### Improved security

- Tracking of LOT-No. for urine strips and quality control solutions
- After loading the strip into the strip holder, the system checks the correct positioning



### Color touch screen

- Intuitive icons on a high-contrast, color touch 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® 100 Pro offers a broad range of optimized usability features

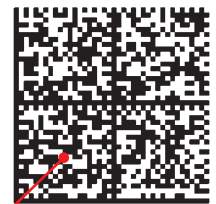
The intuitive user interface improves data entry and allows manual entry of urine color and turbidity from a predefined list or by an additional comment. Moreover, the system provides the user with a high level of customization with flexible testing and reporting options. The intelligent data management 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.

CombiScreen Control PN		Lot No. V1339 Exp. 2016/04	
Catalog No. 93001 2 x 15 ml		analyticon	
Analyte	Visuelle Beurteilung mit CombiScreen Teststreifen Visual evaluation with CombiScreen test strips Reaktion: positiv/neg. bei positivem/neg. bei negativem Reaktion: positiv/neg. bei positivem/neg. bei negativem Visual evaluation with CombiScreen test strips Visual evaluation with CombiScreen test strips Reaktion: positiv/neg. bei positivem/neg. bei negativem	Beurteilung mit CombiScreen Urinagar und CombiScreen Teststreifen Evaluation with CombiScreen Urinagar and CombiScreen test strips Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen	Beurteilung mit CombiScreen Urinagar und CombiScreen Teststreifen Evaluation with CombiScreen Urinagar and CombiScreen test strips Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen Auswertung mit CombiScreen Urinagar und CombiScreen Teststreifen
Level N	Level P	Level N	Level P
Acetonitriale Acetic Acid Acide acétique Acido acético Acetonitril Acetonitrilo	Negative - 1+	0 - 20 mg/dL 0 - 0.2 g/l (Negative - 1+)	0 - 20 mg/dL 0 - 0.2 g/l (Negative - 1+)
Bilirubin Biliverdine Biliverdine	Negative	1 - 4 mg/dL 12 - 20 µmol/L (1+ - 3+)	1 - 4 mg/dL 12 - 20 µmol/L (1+ - 3+)
Blut Blood Sang Sanguis Urin Urine	Negative *)	10 - 300 EryUL (1+ - 3+)	10 - 300 EryUL (1+ - 3+)
Glukose Glucose Glucose Glucose	Normal	100 - > 1000 mg/dL 0.6 - > 0.6 mmol/L (2+ - 5+)	100 - > 1000 mg/dL 0.6 - > 0.6 mmol/L (2+ - 5+)
Keton Ketone Cetone Cetone Keton Ketone	Negative	10 - 300 mg/dL 1 - 30 mmol/L (1+ - 3+)	10 - 300 mg/dL 1 - 30 mmol/L (1+ - 3+)
Leukozyten Leucocytes Leucociti Leucocitos Leukozyten Leucocitos	Negative	ca. 25 - ca. 500 LeuUL	25 - 500 LeuUL (1+ - 3+)
Natri None Natrium Natrium	Negative *)	Positive	Negative *)
pH-Wert pH	5 - 8	5 - 8	5 - 8
Protein Protein Proteina Proteina	Negative - Traces	30 - 100 mg/dL	30 - 100 mg/dL 0.3 - 0.9 g/L (1+ - 3+)
Spezifisches Gewicht Specific Gravity Densité Densité Densité Densité	1.010 - 1.025	1.005 - 1.020	1.005 - 1.020
Urobilinogen Urobilinogen Urobilinogen Urobilinogen	Normal	0 - 10 mg/dL 35 - 200 µmol/L	0 - 10 mg/dL 35 - 200 µmol/L (1+ - 4+)

Level N values



Level P values



Level N	Level P
0 - 20 mg/dL 0 - 0.2 g/l (Negative - 1+)	0 - 20 mg/dL 0 - 0.2 g/l (Negative - 1+)
Negative	1 - 4 mg/dL 17 - 70 µmol/L (1+ - 3+)
Negative *)	10 - 300 F (1+ - 3+)

## 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 reminding functions or lockout protocol in a customizable time interval
- QC results are compared to the entered reference values and the last 1000 QC records are stored

## Operator Management

- Unauthorized use is prevented by using either a predefined security level or an individual customised security level
- Measurements and Quality Control are tracked to a specific operator ID (Password protected)



## Quiet and fast printer

- Printer with easy-load function makes it very easy to replace the printer paper. Just insert the paper and start printing
- The integrated printer is fast and quiet

## Technical Specifications

Type	Reflectance photometer wavelengths: 505, 530, 620, 660 nm
Throughput	Up to 120 tests/hour in fast mode and up to 50 tests/hour in normal mode
Memory	Patient tests: 3000 QC tests: 1000
Display	3.5" QVGA touchscreen LCD
Interfaces	RS232 serial port, USB A, USB B, PS2 (external keyboard, barcode reader), microSD card, Ethernet port
Dimensions (WxDxH)	190 x 260 x 77 mm
Weight	1.5 kg
Electrical rating	100–240 V AC, 50/60 Hz
Features	<ul style="list-style-type: none"> <li>• Intelligent data management</li> <li>• Autostart</li> <li>• Advanced data entry (e.g. color, clarity, lot, expiry)</li> <li>• Automatic print-out</li> <li>• Customized testing and reporting options</li> <li>• Serial interface to host computer / LIS</li> <li>• Optional barcode scanning</li> <li>• Recommendation for additional sediment evaluation</li> <li>• Operator management</li> <li>• Adaption of the system security</li> <li>• Ethernet connectivity</li> <li>• HL7 protocol</li> </ul>

## Consumables



**Urine Strip Analyzer**  
Urilyzer® 100 Pro

**Art.-No.**  
UL0100Pro

**Urine Test Strips**  
CombiScreen® 11SYS PLUS  
CombiScreen® 7SYS PLUS  
CombiScreen® 5SYS PLUS  
CombiScreen® 11SYS

**Pack size**  
100/150 strips  
100/150 strips  
100 strips  
100/150 strips

**Art.-No.**  
94100/94150  
94110/94110A  
94109  
93100/93150

**Control**  
CombiScreen® Control PN

**Pack size**  
2 x 15 ml

**Art.-No.**  
93001



Distributor information



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