



URINE ANALYZER

Introducing the EZCHEK - Urine Analyzer, a state-of-the-art diagnostic tool designed to provide accurate and efficient analysis of urine samples. With its comprehensive range of test menu, this EZCHEK - analyzer allows for the simultaneous testing of up to 14 parameters in a single run, facilitating thorough assessment and diagnosis.

APPLICATIONS

- **Diabetes & Hypertension Monitoring** – Detects microalbuminuria through ACR (Albumin/Creatinine Ratio), providing an early and reliable indicator of kidney damage.
- **Nephrology & Renal Care** – Offers accurate semi-quantitative measurement of protein, creatinine, calcium, and other analytes essential for kidney function assessment.
- **General Clinical Diagnostics** – Suitable for routine urinalysis in hospitals, clinics, and laboratories for screening and monitoring common health conditions.
- **Point-of-Care Testing (POCT)** – Compact, lightweight, and battery-supported design makes it ideal for emergency, bedside, and mobile diagnostic applications.
- **Comprehensive Health Check-ups** – Allows simultaneous analysis of up to 14 parameters, including glucose, ketones, bilirubin, blood, nitrite, leukocytes, and more.
- **Public Health Programs** – Adaptable for large-scale urine testing in community health centers and preventive screening initiatives.

FEATURES

ACR (Albumin/Creatinine Ratio) - Accurate Indicator of Microalbuminuria

- Microalbuminuria is a sensitive indicator of early kidney damage in a diabetes or in hypertension.

- ACR is a reliable marker as it is not affected by factors such as hyperglycemia, exercise, fever, protein intake in the diet and drugs, and more convenient than UAE (gold standard of microalbuminuria diagnosis).
- The KDOQI Diabetic Nephrology Guidelines and the American Diabetes Association (ADA) recommended ACR as the preferred method for screening microalbuminuria in 2007.
- Microalbuminuria is defined as ACR $\geq$ 3.5 mg/mmol (female) or 2.5 mg/mmol (male).
- Comprehensive range of test menu
- Testing up to 14 parameters in one go
- Built-in thermal printer for instant printing.
- Built-in battery available for STAT usage.
- Light weight for easy mobility.
- Touch screen operation with big screen for easy operation.

Urine Analyzer - A Smart Choice for Quick Results

- The Urine Analyzer is intended for use in conjunction with the Urinalysis Reagent Strips for the semi-quantitative detection of the following analytes in urine:

Abbr.	Parameter
ASC	Ascorbic Acid
BIL	Bilirubin
BLO	Blood
GLU	Glucose
Ket	Ketone
CRE	Creatinine

PRO	Protein
LEU	Leukocytes
NIT	Nitrite
pH	pH
SG	Specific Gravity
CA	Calcium
URO	Urobilinogen
ALB	Microalbumin

Test menu

- Comprehensive range of test menu.
- Testing up to 14 parameters in one go.
- Options of 3mm, 4mm or 5mm wide strips offering flexibility for budget users & better visual experience.

TECHNICAL SPECIFICATIONS

Principle	Photoelectric Colorimetry
Testing speed	60 test/hour
Data memory	10,000 Results

Strip incubation time	1 minutes
Light Wavelength	470nm, 525nm and 625nm
Display	3.5" LCD touch screen
Printer	Built-in thermal printer
Connectivity	RS232 port, USB 2 ports
Working Condition	10 - 30°C RH ≤ 80%, 76 - 106kPa
Working voltage	AC 100 - 240V. 50/60Hz, DC 5.8V ± 0.45V (AA x 4)
Weight	600g
Dimensions (L x W x H)	200*137*52mm

Ordering information

Cat. No.	Product Description	Pack
AUR-200	Urine Analyzer	1 Unit



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