

EZCHEK PLUS™

## Urine Analyzer

Offering Reliable Automation in Urinalysis Testing

**AUR-500**

For Early Screening & Detecting:

Kidney Disease  
Diabetes

Urinary Tract Infection  
Liver Diseases



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

- Microalbuminuria is a sensitive indicator of early kidney damage in 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 23.5 mg/mmol (female) or 22.5 mg/mmol (male).

### Advantages

- Comprehensive Range of Test Menu
- Built-in Thermal Printer for Instant Printing
- Language Customizable
- Easy Operation & Convenient to carry
- Testing Up to 14 Parameters in One Go
- Touch Screen Operation with Big Screen for
- Analyte Combination Customizable



- 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	Abbr.	Parameter
ASC	Ascorbic Acid	LEU	Leukocytes
BIL	Bilirubin	NIT	Nitrite
BLO	Blood	PH	PH
GLU	Glucose	SG	Specific Gravity
KET	Ketone	CA	Calcium
CRE	Creatinine	URO	Urobilinogen
PRO	Protein	ALB	Microalbumin

Comprehensive Range of Test Menu  
Testing Up to 14 Parameters in One Go



## Technical Specifications

<b>Testing Principle</b>	:	Through reflection photometer to evaluate the color change of urinalysis strip, then calculate the concentration of related items and output semi-quantitative results.
<b>Testing Wave Length</b>	:	460nm, 550nm, 620nm
<b>Testing Speed</b>	:	1 minute for each test
<b>Repeatability</b>	:	Coefficient of variation CV <1%
<b>Stability</b>	:	During 8 hours of operation, Coefficient of variation CV <1%
<b>Output Options</b>	:	Built-in 57mm thermal printer
<b>LCD Screen</b>	:	5 inches
<b>Report Storage</b>	:	Stores up to 10000 sets of results.
<b>External Ports</b>	:	Type-c x1; USB x2
<b>Charging voltage</b>	:	AC 100-240 V 50/60 Hz
<b>Dimension</b>	:	211mm*100mm*51mm(L*W*H)
<b>Power Supply</b>	:	Lithium battery pack: 3.7V 3000mAh 11.1Wh; Input: AC 100-240V 50/60Hz 0.5A; Output: DC 5V/3A
<b>Weight</b>	:	560g



## Test Menu

Cat.No.	Product Description	Pack
AUR-500	EZCHEK PLUS™ Urine Analyzer	1 Unit

AUTHORIZED DISTRIBUTOR