



# Urine Chemistry Analyzer U1600

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An intelligent and flexible urine chemistry analysis choice



Urinalysis



## Urine Chemistry Analyzer U1600

U1600 is an intelligent and reliable automated urine chemistry analyzer that offers up to 16 chemical parameters and 3 physical parameters. Notably, albumin creatinine ratio (ACR) is included, which is significant for early kidney disease detection. U1600 features high throughput, built-in color touch screen and automated strip loading capability, bringing you efficient and convenient urine chemistry analysis choice. Besides, U1600 is available as a standalone analyzer or as a part of a complete urine laboratory solution by connecting to U2600.



## Features



### Compact Design

- Small footprint for space saving
- Built-in color touch screen, easy to operate
- Intuitive navigation with a logic menu



### Enhanced Productivity

- Up to 240 samples per hour
- The strip provider module can load with 300 strips
- Physical analysis of urine includes Color, Specific Gravity and Turbidity



### Convenient Operation

- Automatically handle test strips and mix samples
- Support cap piercing, minimize bio-safety hazards
- Priority for emergency sample



### Accurate Results

- Photoelectric colorimetry method bring you more accurate chemistry results via detecting RGB color spectrum
- Anti-VC function prevents false negative results
- Complete urinalysis solution: instruments, strips, calibrators, and quality controls

## Test Menu

### 16 chemistry items

URO • BIL • KET • LEU • NIT • PRO • BLD • MALB • CRE  
 PCR • ACR • Ca • VC • pH • SG • GLU

## Technical Parameters

Principle	Photoelectric colorimetry, full spectrum	Test strip Capacity	Up to 300 test strips
Display	8-inch touch screen	Sample Capacity	10 samples × 6 racks
Test Items	Chemical analysis: 16 items	Throughput	240 T/H
	Physical analysis: Color, Specific Gravity, Turbidity	Power Supply	90~264 V, 47~63 Hz, 310 VA
Operation Environment	Temperature: 10~30°C ; Humidity: < 80%	Dimension (mm)	600 (W) × 512 (D) × 530 (H)
	Atmospheric Pressure: 70~106 kPa	Weight (kg)	45



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