



## Urinalysis Hybrid System U3600

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An integrated system for upgrading your lab urinalysis solution



Urinalysis



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## Urinalysis Hybrid System U3600

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U3600 is an integrated machine that combines the functions of urine physical analysis, chemical analysis and formed particle analysis. It is designed for upgrading your urine analysis solutions, which could provide 16 items chemical analysis, 46 items formed particles analysis, and 5 items physical analysis. The U3600 utilizes laminar flow technology, high-speed photograph technology, and medical image recognition technology to provide high-resolution images and accurate urine particle classification.



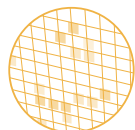


## Features



### Advanced Technology

- Laminar flow technology
- High-speed photograph technology
- Medical image recognition
- Photometer technology applies full spectrum instead of multi-wave-length



### Accurate Recognition

- No overlap, gather or morphology changes of formed particles
- High-definition images provide a clear view of particles
- Powerful clinical database



### Compact Design

- Integration of physical, chemical and morphology analysis
- Small footprint for space saving



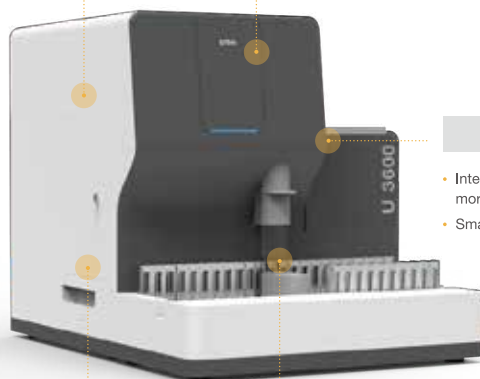
### Convenient Operation

- Automatically handle test strips and mix sample
- Without centrifugation, staining or rotation of lens
- The images can be reviewed and decrease microscopy rate
- Priority for emergency sample



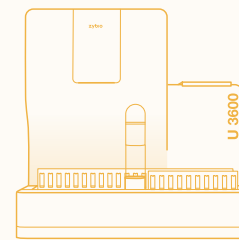
### Improved Productivity

- 240 T/H for Chemistry Mode
- 120 T/H for Formed Particles Mode/Hybrid Mode
- Automatic strip feeder with a capacity of 300 strips
- Physical analysis of urine includes Color, SG, Turbidity, Conductivity and Osmolality



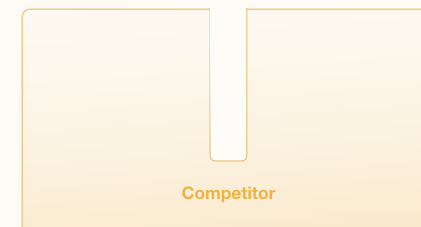
## Compact Design Combined With More Detection Modes

- Save about 50% space
- Integrated urinalysis solution



687 mm

Hybrid System



Competitor

>1200 mm

Workstation

## Test Menu

### 05 items

Physical analysis ..... Color ..... SG ..... Turbidity ..... Conductivity ..... Osmolality

### 16 items

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

### 46 items

Formed particles analysis ..... RBC ..... WBC ..... SQEP ..... BYST ..... BACI ..... SPRM ..... MUCS  
WBCC ..... NSE ..... HYST ..... SUCO  
PHCY  
UNCL ..... UNCX ..... MAPH ..... CAPH ..... TYRO ..... URIC ..... COM ..... AMOR ..... FAT ..... HYAL  
AUCR ..... COD ..... UNCC

Note: Only some items are listed.

## Technical Parameters

Principle	Laminar flow technology
	High-speed photography technology
Throughput	Medical image recognition
	240 T/H for Chemistry Mode
Test Items	120 T/H for Formed Particles Mode/Hybrid Mode
	Chemical analysis: URO, BIL, KET, LEU, NIT, PRO, BLD, MALB, CRE, GLU, SG,
	pH , VC, Ca, ACR, PCR
	Formed particles analysis: RBC, WBC, WBCC, PHCY, SQEP, NSE, BYST, HYST,
	BACI, SUCCO, SPERM, MUCCS, HYAL, UNCC, FAT, AMOR, COM, COD, URIC,
	AUCR, TYRO, CAPH, MAPH, UNCX, UNCL
	Physical analysis: Color, Specific Gravity, Turbidity, Conductivity, Osmolality
Sample Capacity	10 samples × 6 racks
Test Mode	Auto loader mode, STAT mode
Reagents	Urinalysis Strip
	UDC-Control
	Sheath Fluid
	Focusing Fluid
	US-Calibrator
	Sediment Control
	Conductivity Control
Operation Environment	Wash solution
	Temperature: 10~30°C
	Humidity: < 80%
	Atmospheric Pressure: 70~106 kPa
Power Supply	90~264 V, 47~63 Hz
Dimension (mm)	687 (W) × 512 (D) × 530 (H)
Weight (kg)	55



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## Urinalysis

