



Urinalysis Hybrid System U3600



An integrated system for upgrading your lab urinalysis solution



Urinalysis

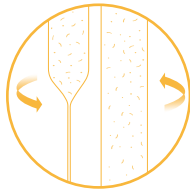


Urinalysis Hybrid System U3600

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.

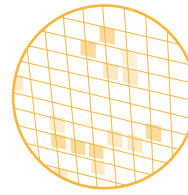


Features



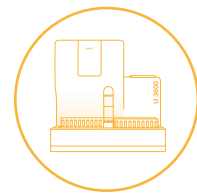
Advanced Technology

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



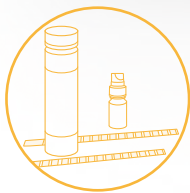
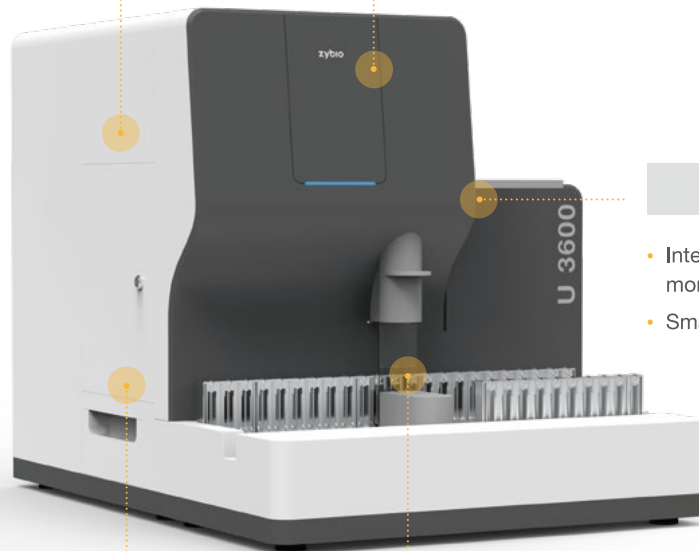
Accurate Recognition

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



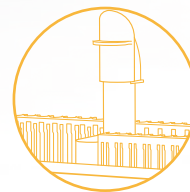
Compact Design

- 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

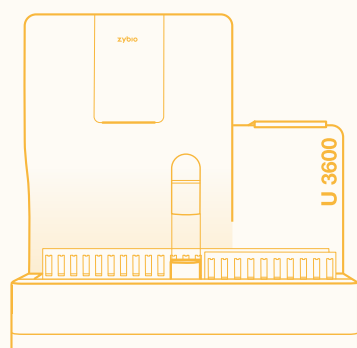


Improved Productivity

- 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

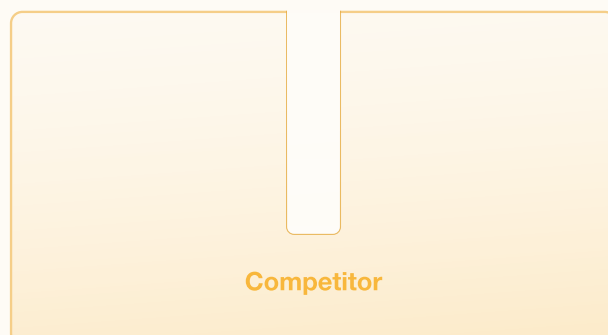
Compact Design Combined With More Detection Modes

- 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
 WBC NSE HYST SUCO
 PHCY
 UNCL UNCX MAPH CAPH TYRO URIC COM AMOR FAT HYAL UNCC
 AUCR COD

Note: Only some items are listed.

Technical Parameters

Principle	Laminar flow technology
	High-speed photography technology
	Medical image recognition
Throughput	240 T/H for Chemistry Mode
	120 T/H for Formed Particles Mode/Hybrid Mode
Test Items	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, SUCO, SPERM, MUCS, 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
	Color Control
	SG Control
	SG Calibrator
	Turbidity Control
	Turbidity Calibrator
	Conductivity Control
	Conductivity Calibrator
Wash solution	
Operation Environment	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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