



# Urine Sediment Analyzer U2610



A convenient and high-throughput analyzer for urine formed particle



Urinalysis

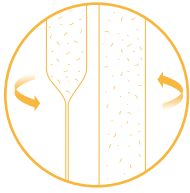


## Urine Sediment Analyzer U2610

U2610 is a convenient and high-throughput analyzer for urine morphology, which provides clear images and accurate classification of urine particle. It is designed to standardize urine morphology analysis process, minimize operator intervention and shorten turn around time (TAT). The U2610 utilizes laminar flow technology, high-speed photograph technology, and medical image technology to offer accurate and reliable results. Besides, U2610 is available as a standalone analyzer or as a part of a complete urinalysis solution by connecting to urine analyzer U1600.

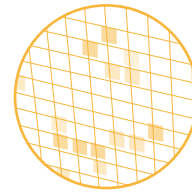


# Features



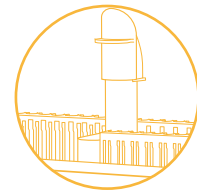
## Advanced Technology

- Laminar flow technology
- High-speed photography technology
- Medical image recognition



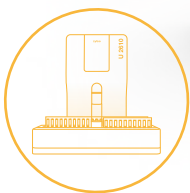
## Accurate Recognition

- No overlap, gather or morphology changes of formed particles
- High-definition images to increase the detection rate
- Powerful clinical database



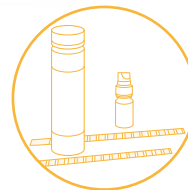
## Improved Productivity

- 150 T/H for Formed Particles analysis
- Physical analysis of urine includes the Conductivity and Osmolality



## Compact Design

- Integration of physical and formed particle detection
- Small footprint for space saving



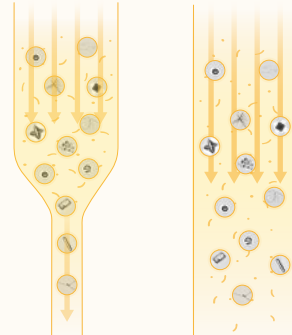
## Convenient Operation

- Automatically mix samples
- Neither centrifugation nor rotation of lens is required
- Support cap piercing, minimize bio-safety hazards
- Priority for emergency sample

# Advanced Technology Provides Accurate Results

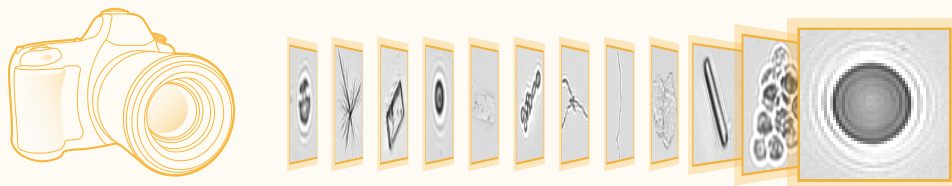
## Laminar Flow Technology

- Without centrifugation or staining, minimize manual intervention and save time
- Avoid the overlap, gather or morphology changes of formed particles



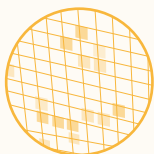
## High-Speed Photograph Technology

- High resolution images are taken within 7 seconds
- Increase the detection rate and decrease microscopy rate



## Medical Image Recognition

- Powerful clinical database
- Medical diagnosis logic



RBC



BYST



WBC



BACI

Auto-classify  $\geq 25$  urine formed particles

## Technical Parameters

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Principle	Laminar flow technology
	High-speed photography technology
	Medical image recognition
Throughput	150 T/H
Test Items	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: Conductivity, Osmolality
Sample Capacity	10 samples × 6 racks
Test Mode	Auto loader mode, STAT mode
Reagents	Sheath Fluid
	Focusing Fluid
	US-Calibrator
	Sediment Control
	Conductivity Calibrator
	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)	655 (W) × 512 (D) × 530 (H)
Weight (kg)	40

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Urinalysis