

# 06

## BW-3000

### Full Automatic Urine Sediment Analyzer

Test Parameters	Normal RBC,Standing RBC, Dysmorphic RBC,Normal WBC ,WBCC,Pus Cell ,Hyaline Cast ,Granular Cast,WBC Cast ,Squamous Epithelial Cell ,Normal Epithelial Cell ,Sperm ,Calcium Crystal,Oxalate Crystal Bacteria ,Yeast ,Amorphous Urates ,Mucus etc.
Test Principle	Flow cell digital imaging technology, medical image fusion technology,artificial intelligence identification technique
Channel	4 fixed channels in flow counting cell
Sample Volume	Minimum volume: 3 ml,Aspiration volume: 1 ml
Test Speed	120 samples/hour
Aspiration Volume	1 ml
Test Sensitivity	5 cells/ul
Accuracy	≥95%
Repeatability	CV < 10%
Cross Contamination Rate	< 0.05%
Data Storage	200,000
Report Model	International general quantitative unit: unit /ul & HPF, complete and illustrated report, with urine chemistry test results and urine sediment test results
Environment	Temperature 15° C~35° C, Optimum temperature 20° C~25° C, Relative humidity ≤ 75%
Power Supply	AC 110/230V, 50-60Hz
Dimensions(main unit)	660mm*440mm*570mm(L*W*H)
Weight	48kg



#### Working Principle

By using flow counting technology,medical image scanning technology and intelligent vision recognition technology, urine sediment will be 3D automatically located, tracked, scanned, identified and classified.

#### Sampling System

The sample waiting area can accommodate 60 specimens at a time. The specimen is scanned and positioned automatically, without manual guarding and without centrifugation.

#### Flushing System

The use of high-precision, PTFE-coated suction needles makes the instrument pipeline cleaning more thoroughly, and eliminates cross-contamination as much as possible.

#### **[The highest 4-channel design in the industry]**

4-channel injection design, channel settling, cleaning and other detection functions fully guarantees the speed and efficiency of specimen detection.

#### **[Auto focus function]**

Automatic focus correction of the microscope ensures clear and complete sample shooting,which reduces maintenance costs.

#### **[Self-learning and training function]**

The target of misidentification of the instrument can be modified by the operator. After training, the memory can be stored and automatically modeled.

# 10 Urine Reagent

Model	Capacity	Applicable Machines
URS-100 Washing Liquid	Reagents 150ml/bot.	BW-1000 BW-2000 BW-3000  BW-901  BW-200/BW-300/BW-500/BW-901
	Powder 100g/bot.	
URS-200 Cleaning Liquid	100 ml/bot.	
URS-300 Strong Washing Liquid	50ml/bot.	
URS-500 Quality Control Liquid	120ml/bot.	
URS-400 Cleaning Liquid(Concentrated)	120ml/bot.	
URS-401 Calibration Liquid for Specific Gravity	8ml/bot.	
URS-402 Control Liquid for Specific Gravity Level 1	8ml/bot.	
URS-403 Control Liquid for Specific Gravity Level 2		
URS-404 Control Liquid for Specific Gravity Level 3		
URS-405 Cleaning Liquid for Refractometer and Turbidimeter	60ml/bot.	
URS-407 Control Liquid for Color Red/Green/Blue	8ml/bot.	
URS-408 Calibration Liquid for Turbidity	8ml/bot.	
URS-409 Control Liquid for Turbidity Level 1/Level 2	8ml/bot.	
URS-406 Urine Analyzer Quality Control	8ml/12 bot.	

## Reagents For Urine Analyzer / Urine Sediment Analyzer

