05 BW-2000
Urine Sediment Analyzer

【Test Principle】 Using machine vision technology: automatic identify, classify and count the formed elements in urine with microscope automatic morphological methods.

【Test Items】 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 Speed】 30 samples/hour

【Sample Volume】 Minimum urine volume 2ml, minimum extraction volume 1ml

【Sample Process】 The sample can be directly tested without centrifugation.

【Flow Cell】 High accuracy, single channel flow cell(test channel)

【Sampling Method】 Automatic trail suction, 10 samples on the machine at the same time.

【Accuracy】 ⩾ 95%

【Repeatability Test】 CV < 10%

【Contamination Rate】 < 0.05%

【Report Form】 xx unit/ul, HPF&LPF etc. international universal quantitative unit, comprehensive graphic report of dry chemical analysis and urine formed elements quantitative analysis

【Measurement】 380mmx286mmx363mm (L x W x H)

【Net Weight】 16kg

【Data Interface】 Two-way communication Interface, can be connected with dry chemistry analyzer, printer and hospital management system

【Power Supply】 AC 110/230V, 50-60Hz

【Standard Configuration】 Build-in CPU, including mouse, keyboard

【Specification】
● Automatic trail suction, 10 samples on machine at the same time, easily operate.
● Auto focus. Adjust focal length of microscope automatically to make sure a clear and complete sample picture.
● Sample can be used directly without centrifugation and pre-handled, all of the sample injection, mixing, sampling and sedimentation are automatic.
● Identify the test sediments and count quantities of the pictures automatically
● High accuracy flow cell to insure a stable & precise sample-suction and normalize the test result.
● High accuracy suction-sample needle, choicely pipelines and valves to insure the high stability of the pipeline; high-efficiency auto clearance function to insure clear the inside & outside of the needle efficiently, which will avoid across contamination.

The machine owns self-learning function.
The more time it is be used, the higher identify rate it becomes.
The machine can connected with dry chemistry analyzer and provide a comprehensive report contains urine dry chemistry and urine sediment test .

● BW-2000

Auto injecting
Auto focusing

Auto snap recognizing.
All the characters base on AIT.

SMALL,SMART,STABLE,SUPERB

10 Urine Reagent

Model	Capacity	Applicable Machines
URS-100 Washing Liquid	Reagents 150ml/bot.	BW-1000 BW-2000 BW-3000
	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.	BW-901
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.	BW-200/BW-300/BW-500/BW-901

Reagents For Urine Analyzer / Urine Sediment Analyzer