

BW-1000H

Hybrid Urinalysis System

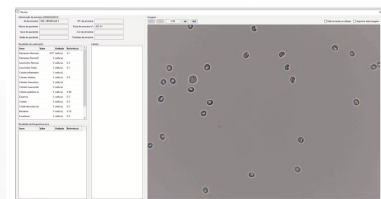
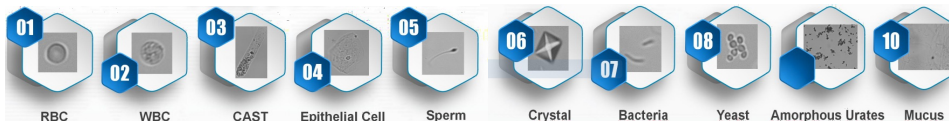
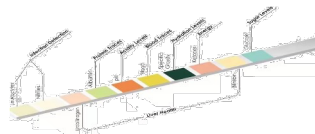
Urine Sediment & Chemistry Analysis



Specifications

- Auto focus. Adjust focal length of microscope automatically to make sure a clear and complete sample picture
- 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.
- The machine owns self-learning function. The more time it is be used, the higher identify rate it becomes.
- 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.

Urine Sediment Image Encyclopedia



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Key Specifications



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

Test items: Urobilinogen (UBG), Bilirubin (BIL), Ketone (KET), Blood (BLD), Protein (PRO), Nitrite (NIT), Leukocyte (LEU), Glucose (GLU), Specific gravity (SG), pH (pH), Ascorbic Acid(VC), Microalbumin (MAL) , Specific Gravity, Colour, Turbidity, RBC, WBC, Squamous Epithelial Cell, Non-squamous Epithelial Cell, Hyaline Cast, Unclassified Cast, Mucus, Bacteria, Yeast, WBC clumps, Sperm.

Test speed	Sample processing	Sample quantity
Sediment: 30-50 Samples/hour Chemistry: 240 Samples/hour	Original urine none centrifugation	Minimum urine volume 2ml, minimum injection volume 0.5ml
Power / Voltage	Sampling Method	Stability
AC 220V +-10%, 50Hz	Automatic trail injection, 10 samples on the machine at the same time	Accuracy: $\geq 95\%$ Repeatability test: $CV < 10\%$ Carrying pollution rate: $< 0.05\%$
Standard configuration:	Function	Data Interface:
Build-in CPU including mouse, key board	Full auto audit Full auto loading sample Lis/His Function Etc.	Two-way communication interface, can be connected with printer and hospital management system

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

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