

# Fully Automatic Urine Sediment Analyzer

UA-S3-120



## Features



### ● 4-channel design

4-channel injection design, channel settling, cleaning and other detection functions fully guarantee 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.

## Description

- Fully Automatic Urine Sediment Analyzer can store clinical data, dry chemical index, microscopic examination results and other expansion projects.

## Specification

Model	UA-S3-120
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	Four channels fixed flow counting cell
Sample Volume	Minimum volume: 3mL, Aspiration volume: 1mL
Test Speed	120 samples/hour
Aspiration Volume	1ml
Test Sensitivity	5 cells/ $\mu$ L
Accuracy	>95%
Repeatability	CV<10%
Cross Contamination Rate	<0.05%
Data Storage	200,000
Report Mode	International general quantitative unit; unit / $\mu$ L&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: $\leq$ 75%
Electricity	AC220V $\pm$ 10%, 50Hz
Dimensions(L*W*H)	660mm*440mm*570mm
N.W./G.W.(kg)	37kg/95kg
Package Dimension(W*D*H)(mm)	1150*760*770mm