

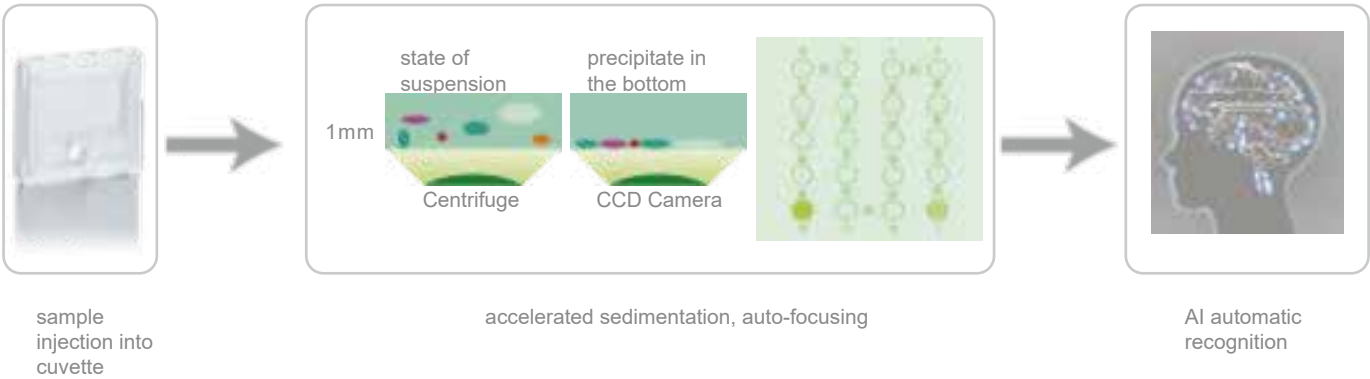
Urine Sediment Analyzer

Evo-S50



Description

- The urine sample is injected into the Counting board by the aspiration needle from the test tube. The centrifugation process is performed at an acceleration level of 260G, creating a monolayer of particles at the bottom of the Counting board, to drive all the particles to the same level. Digital optical is used to record high resolution images of 10-20 positions, which are evaluated for various formed elements of the urinary sediment automatically by AI technology.



Features

Speedy & Small

- Small footprint: 457x414x608mm (LxDxH)
- Throughput: up to 50 samples/hour
- Only 2mL sample is required



Technology Standard

- Big high-resolution touch screen makes operation extremely easy
- Whole view field images, similar to HPF images to routine manual microscopy
- One click and you get an expert's answer immediately online for questionable results



Simple to Operate

- Sample preparation fully automated
- One key start and fully automated measuring process
- Counting board are the only consumables needed
- No need of additional reagents
- Each test is processed in one Counting board means no carry over



Smart System

- Latest AI technology processes sample identification, counting and classification automatically
- The computer automatically selects the highest quality image using autofocus

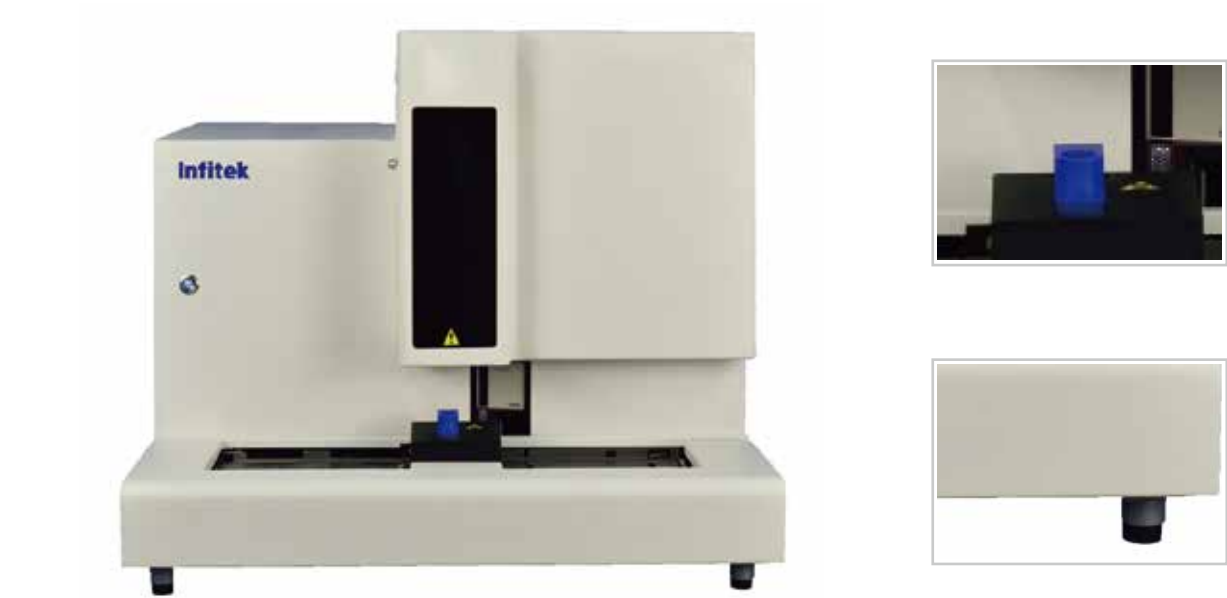


Specifications

Model	Evo-S50
Technology	Whole view field microscopic high-definition images Centrifugal accelerated sedimentation AI (Artificial Intelligence) identification
Detected partical classes	≥ 11 items: RBC; WBC; HYA; PAT; EPI; NEC; BAC; YEA; CRY; CaOxm; CaOxd; MUC
Memory	max 25,000 results (including all images)
Min. sample volume	2.0mL
Throughput	50 samples/hour
Batch size	single sample tube
Counting boardcontainer	50 pcs
User interface	13.3' LCD with touch screen
Power	110-240 VAC, 50/60 Hz, 200 VA
Package Dimension(W*D*H)(mm)	990mm*510mm*830mm
N.W.(kg)	50kg
G.W.(kg)	70kg

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/ μ L
Accuracy	>95%
Repeatability	CV<10%
Cross Contamination Rate	<0.05%
Data Storage	200,000
Report Mode	International general quantitative unit; unit / μ 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