

# AUTO-100S

Fully Automatic Urine Sediment Analyzer

## Automation of the Golden Standard

- Taking real images with dual objective lenses 10X and 40X magnification
- Provide raw full field images and individual particle images
- 3 counting channels

## Industrial-grade PC Host

- Integrated inside machine
- Interference-free
- Faster and space saving

## Gating function

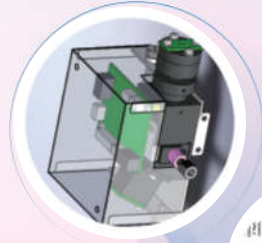
- Automatically skip chemistry negative sample, and test the positive only
- Increase efficiency and save cost
- Gating function can be on/off

## Powerful Recognition

- High intelligence to recognize cells
- Automatically sort individual particles into corresponding categories

## SPECIFICATION

<b>Principle:</b>	Digital Imaging Technology
<b>Parameters:</b>	RBC, WBC, SQEP, NSE, HYA, GRAN, CAOX, URIC, BACT, YST, MUCS, MCD, RDW-CV, R-rate
<b>Throughput:</b>	100 test/hour
<b>Sample:</b>	Urine sample
<b>Sample Volume:</b>	2 ml urine sample as required.
<b>Report Unit:</b>	xx/μl, xx/HPF, xx/LPF, plus system
<b>STAT Function:</b>	Yes
<b>Connection:</b>	RS-232, USB, LAN port, parallel interface
<b>Integration capacity:</b>	Connecting with AUTO-100 Fully Automatic Urine Analyzer
<b>Dimension:</b>	L x W x H - 650 mm x 640 mm x 560 mm
<b>Weight:</b>	60 Kg



FULLY AUTOMATIC URINALYSIS WORKFLOW

# AUTO-100 AND AUTO-100S



## AUTO-100 Automatic Urine Analyzer

- Throughput: 300 test/hour
- Parameters analysis: 10, 11, 12, 13, 14 parameters (Ascorbic Acid, Leukocytes, Ketone, Nitrite, Urobilinogen, Bilirubin, Protein, Glucose, Specific Gravity, Blood, pH and Creatinine, Micro Albumin, Calcium).
- Optional refractometer provides color, turbidity and SG
- Large LCD color touch screen
- Auto sample drip for quantitative precision
- Built-in bar code reader simplifies LIS data transfer and management

## AUTO-100S Automatic Urine Sediment Analyzer

- 100 test/hour
- Automated simulation of dual real microscopes 10X and 40X objective lenses
- Automatically recognize urine cells with real time, high resolution image
- Optional mixing sample function before aspirating for ultimate results
- No preliminary, no centrifugation, no additional chemical staining required

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# AUTO-100

Fully Automatic Urine Analyzer



## SPECIFICATION

Parameters analysis:	10, 11, 12, 13, 14 parameters (Ascorbic Acid, Leukocytes, Ketone, Nitrite, Urobilinogen, Bilirubin, Protein, Glucose, Specific Gravity, Blood, pH and Creatinine, Micro Albumin, Calcium).
Compatible urine strip:	Urodip 10P, 11P, 12P, 13P and 14P.
Technology:	Advanced Analysis Component – New CIS detection technology for faster and more accurate sample analysis.
Measuring:	dual-wavelength reflectance photometry. Reflectance photometer, Reflective color sensor, turbidity, ratio for Pro/Cre by calculation.
Wave-length:	430nm, 500nm, 565nm, 635nm and 760nm.
Operation systems:	Linux OS software.
Throughput:	300 samples/hour.
Reaction time:	60 seconds for the first sample and 12 seconds for subsequent samples
Minimum Volume:	2ml urine samples as required.
Storage:	300,000 results.
Display:	8 inches color touch LCD
Auto loader:	110 samples, 10 samples x 11 racks
Walking away:	5 racks of 50 samples.
Strip Capacity:	400 strips
Printer:	Built-in thermal printer, external printer
Interfaces:	USB, RS232 SERIAL PORT, PS/2, parallel interface, LAN port
Integration capacity:	Connecting with AUTO-100S Fully Automatic Urine Sediment Analyzer
Dimension:	L x W x H – 650mm x 630mm x 550mm
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