

Global Diagnostics Supplier



URIT-1000Plus Auto Urine Sediment Analyzer

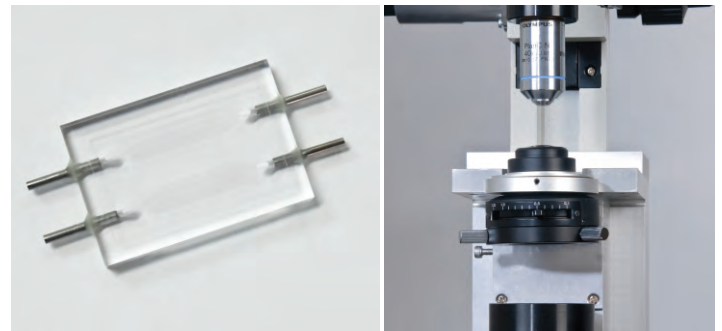
URIT

- Available for preset the 23 test items
- Phase detection of RBC in urine
- Flat-field achromatic automatic continuous zoom microscopic test system
- Direct sampling with urine cup, with no need of test tube
- Sample volume only requires 1.2 ml
- Double channels to test
- Automatically match with urine dry chemistry test result
- Multi-media operation software, comprehensive quality control system and correction system
- Thermal printer with functions of report quick printing and automatic printing
- Sleep and wakeup function



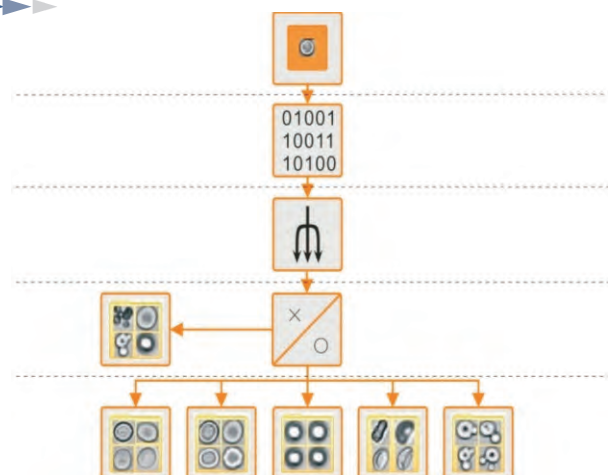
High-precision Test System ▶▶▶▶

- ▶ The use of Olympus flat-field achromatic objective lens and automatic continuous zoom optical lens ensures the perfect quality of microscopic images
- ▶ Successfully overcome the effect of gravity to keep an accurate gather surface for a long time
- ▶ Automatic gathering calibration without using chemical reagent
- ▶ The infinite adjustment of the microscope light intensity ensures the clarity of images
- ▶ Japanese originally imported NT (Nanotechnology) quartz counting chamber with smooth inner wall and uniform- thickness inner diameter



Leading Machine Vision Technology ▶▶▶▶

- ▶ Consisting of computer science, picture processing and pattern recognition, the machine vision technology can automatically recognize and analyze images
- ▶ Be able to analyze the shape and size of RBC and give distribution histogram of RBC in urine, MCD and R-RATE
- ▶ Intelligent image splicing technology realizes the panorama mosaicking, convenience for observation and examination



URIT-1000Plus

Auto Urine Sediment Analyzer

Specification

Principle	Automatic recognition of digital images
Parameter	1. auto-particle recognition : RBC,WBC, SQEP(squamous epithelial cells), NSE(non-squamous epithelial cells), HYA(cast),UNCC, CAOX(calcium oxalate crystal), BACT(bacteria), yeast, and etc. 2. RBC phase detection 3. receive URIT series urine dry chemistry analyzer's test data
Throughput	more than 50samples / hour
Sample	native urine samples or urine sediment samples
Sample volume	minimum volume: 1.2 ml
Sample treatment	automatic sampling, diluting, dying, blending, screening, image acquiring, particle counting, data saving, flow cell and probe washing, printing
counting cell	double channels
accuracy	over 95%
memory capacity	more than 50,000 results
printer	thermal printer (other choice : laser priter or ink printer)
interfaces	RS-232 SERIAL PORT, USB, TCP / IP Ethernet

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ISO9001
ISO13485