



UF-1000i

*A New Generation Automated
Urine Particle Analyzer*

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UF-1000i

Convenient, Accurate and Fast



Simplicity

- Fully automated sample preparation (mixing, aspirating, diluting, staining)
- Objective particle characterization and identification based on detection of forward scatter, fluorescence and on adaptive cluster analysis
- Automatic sample validation supported by extensive user-definable flagging system
- Automatic sample validation for review or output to host computer/printer according to user-definable system setting

Efficient workflow

- Ease-of-use with Windows® operating system
- Fast sample processing
- Batch analysis with sampler or immediate analysis of STAT samples
- Minimal exposure to hazardous sample material
- Review only by exception

High quality screening

- Use of uncentrifuged urine reduces the inherent errors of sediment analysis
- Urine flow cytometry provides outstanding precision for urine particle analysis
- Comprehensive information on a wide range of parameters raises confidence

Routine urine particle analysis typically involves a number of manual steps, including centrifugation, re-suspension, microscopy and finally, manual documentation of the results. These numerous steps can make the process time consuming, laborious and at risk for transcription errors. Sysmex's proven technology offers laboratories a breakthrough in standardization and automation. Immediate analysis without the need for pre-treatment enhances laboratory workflow, reduces turnaround time and allows skilled technologists to devote their time to other laboratory priorities.

UF-1000i Specifications

Technology

Urine flow cytometry
Two stains with fluorescent dye
Separate bacteria channel for improved discrimination
Modern IT environment

Throughput

Up to 100 samples per hour

Sampler

50 samples on board processing

Sample Volume

Manual mode : 1mL
Sampler mode : 4mL

Parameters

RBC, WBC, Epithelial Cells, Casts, Bacteria

Flagging Parameters

Pathological Casts, Crystals, Small Round Cells, Sperm, Yeast, Mucus

Data Storage

10,000 samples (incl. Scattergrams)

Peripheral Interfaces

Host line printer
Graphic printer
Handheld barcode reader

Quality Control

24 files with 300 data points each
Sysmex control material: UF II
CONTROL Levey-Jennings and
X-bar M quality control programs

Accessories

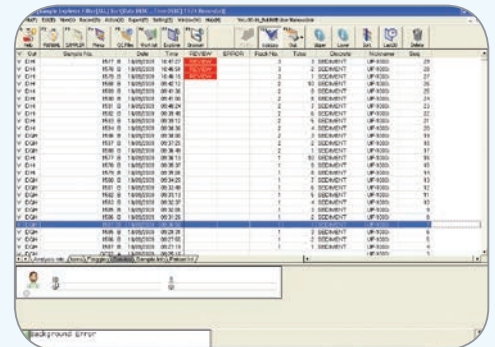
Graphic printer

Dimensions / Weight w x d x h [inches] / [lb]

Main unit: 22.8" x 27.0" x 24.2" / 148



UF-1000i Main Browser powered by Windows®



Stored results screen allows access to the last 10,000 tests



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