



## **UF-1000i**

*A New Generation Automated  
Urine Particle Analyzer*



# 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

<b>Technology</b>	Urine flow cytometry Two stains with fluorescent dye Separate bacteria channel for improved discrimination Modern IT environment
<b>Throughput</b>	Up to 100 samples per hour
<b>Sampler</b>	50 samples on board processing
<b>Sample Volume</b>	Manual mode : 1mL Sampler mode : 4mL
<b>Parameters</b>	RBC, WBC, Epithelial Cells, Casts, Bacteria
<b>Flagging Parameters</b>	Pathological Casts, Crystals, Small Round Cells, Sperm, Yeast, Mucus
<b>Data Storage</b>	10,000 samples (incl. Scattergrams)
<b>Peripheral Interfaces</b>	Host line printer Graphic printer Handheld barcode reader
<b>Quality Control</b>	24 files with 300 data points each Sysmex control material: UF II CONTROL Levey-Jennings and X-bar M quality control programs
<b>Accessories</b>	Graphic printer
<b>Dimensions / Weight w x d x h [inches] / [lb]</b>	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





**Sysmex Corporation**  
1-5-1 Wakinohama-Kaigandori,  
Chuo-ku, Kobe 651-0073, Japan  
Tel. +81 (78) 265-0521  
Fax +81 (78) 265-0530  
[www.sysmex.co.jp](http://www.sysmex.co.jp)

**Sysmex America, Inc.**  
One Nelson C. White Pkwy,  
Mundelein, IL 60060, U.S.A.  
Tel. +1 (847) 996-4500  
Fax +1 (847) 996-4397  
[www.sysmex.com/usa](http://www.sysmex.com/usa)

**Sysmex Canada, Inc.**  
5045 Oribitor Drive,  
Building 9, Suite 401,  
Mississauga, ON L4W 4Y4, Canada  
Tel. +1 (905) 366-7900  
Fax +1 (905) 366-7899  
[www.sysmex.ca](http://www.sysmex.ca)

**Sysmex do Brasil Indústria e Comércio Ltda**  
Rua Joaquim Nabuco,  
615 - Bairro Cidade Jardim  
São José dos Pinhais  
Paraná - Brasil - CEP 83040-210  
Tel. +55 (41) 2104-1314  
Fax +55 (41) 2104-1300  
[www.sysmex.com/br](http://www.sysmex.com/br)

**Sysmex Europe GMBH**  
Bornbarch 1, 22848,  
Norderstedt, Germany  
Tel. +49 (40) 52726-0  
Fax +49 (40) 52726-100  
[www.sysmex-europe.com](http://www.sysmex-europe.com)

**Sysmex Deutschland GMBH**  
Bornbarch 1, 22848,  
Norderstedt, Germany  
Tel. +49 (40) 5341020  
Fax +49 (40) 5232302  
[www.sysmex.de](http://www.sysmex.de)

**Sysmex UK, Ltd.**  
Sysmex House, Garamond Drive, Wymbush  
Milton Keynes, Buckinghamshire, Mk8 8DF, U.K.  
Tel. +44 (870) 9029270  
Fax +44 (870) 9029211  
[www.sysmex.co.uk](http://www.sysmex.co.uk)

**Sysmex Asia Pacific PTE, Ltd.**  
2 Woodlands Sector 1, #01-06 Woodlands Spectrum,  
Singapore 738068, Singapore  
Tel. +65 (6221) 3629  
Fax +65 (6221) 3687  
[www.sysmex.com.sg](http://www.sysmex.com.sg)

**Sysmex Shanghai, Ltd.**  
9th Floor, Azia Center,  
1233 Lujiazui Road, Shanghai, 200120 China  
Tel. +21 (6886) 3300  
Fax +21 (6886) 3355  
[www.sysmex.com.cn](http://www.sysmex.com.cn)

