UF-1000i
A New Generation Automated Urine Particle Analyzer
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 | 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