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**

| 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  
| w x d x h [inches] / [lb]    |