Smart Technology. Decisive Answers.

UF-1000i

for the automated DETECTION and ENUMERATION of bacteria and particles in urine
UF-1000i is a fully automated, urinary screening system which bases its objective analysis on both physical and chemical particle properties. It uses:

- Advanced flow cytometry technology with hydrodynamic focusing
- Specific fluorescent dyes for bacteria and sediment
- 3 high-definition, reproducible measurement signals: size, structure and fluorescence
- Accurate detection and enumeration of urine particles (2 separate analysis channels for bacteria and sediment)
- Reduced cross-contamination with an anti-carryover function and sequential analysis mode
- Detection of low bacteria concentrations as of $10^3$ CFU/mL
- Barcode reader identification of samples and reagents
- Daily Quality Control performed for all the main parameters (high and low positive controls)
- Negative Predictive Value: 98.5%\(^1\) for a cut-off of 100 bacterial particles/µl

UF-1000i provides those urine analysis results you need fast while freeing you up for other important tasks.

Your Laboratory Needs

Today, urinary screening is one of the most frequently performed analyses in your laboratory and requires you to:

- Accurately detect and enumerate the bacteria and particles present in urine specimens,
- Rapidly confirm whether a patient could have a urinary tract infection (UTI), or orientate towards renal pathologies.

Smart Technology

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High-Quality, Standardized Results

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**Easy to Interpret**

- **Easy-to-read, colour-coded** scattergrams and **clear-cut** numeric values for a concise overview
- **User-definable flagging** of all the parameters for rapid result assessment
- Rule-based **flagging of UTI** information to facilitate reporting positive results

**Time-Saving**

- Simply **Load & Go**
- Minimum hands-on time - Maximum workflow efficiency
- **Results** in approximately **1 minute**
- **Continuous loading function** for immediate processing of samples or series testing with up to 50 positions
- Bi-directional connection to LIS
Reagents

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Reference</th>
<th>Packaging</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF II SHEATH®</td>
<td>29526</td>
<td>20 litres</td>
<td>Sheath fluid</td>
</tr>
<tr>
<td>UF II PACK-SED®</td>
<td>29527</td>
<td>2 x 2.1 litres</td>
<td>Diluent for sediment</td>
</tr>
<tr>
<td>UF II PACK-BAC®</td>
<td>29528</td>
<td>2 x 2.1 litres</td>
<td>Diluent for bacteria</td>
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<tr>
<td>UF II SEARCH-SED®</td>
<td>29529</td>
<td>2 x 29 mL</td>
<td>Stain solution for sediment</td>
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<tr>
<td>UF II SEARCH-BAC®</td>
<td>29530</td>
<td>2 x 25 mL</td>
<td>Stain solution for bacteria</td>
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<tr>
<td>UF II CONTROL®</td>
<td>29531</td>
<td>2 x 47 mL</td>
<td>High-positive, low-positive values</td>
</tr>
</tbody>
</table>

Contact your local bioMérieux representative for more details and product availability.

Analyzer Specifications

- **Size main unit**: 58 cm (width) x 61.5 cm (height) x 71 cm (depth)
- **Weight main unit**: 75.7 kg
- **Throughput**: Maximum 100 samples / hour
- **Parameters Measured**: Red Blood Cells, White Blood Cells, Bacteria, Epithelial Cells, Pathological Casts, Crystals, Mucus, Small Round Cells, Sperm, Yeast-Like Cells, Conductivity, Red Blood Cells Information, Urinary Tract Infection Information
- **Rinsing cycles**: Automatically performed by the analyzer in accordance with pre-programmed laboratory settings

Delivering relevant microbiology solutions to empower clinical decisions

With over 40 years experience in the field of microbiology, bioMérieux has unique know-how and expertise in microbial culture, enumeration, detection, identification, antimicrobial resistance testing.

As a world leader in microbiology, bioMérieux is committed to offering timely, relevant solutions in the fight against infectious diseases.