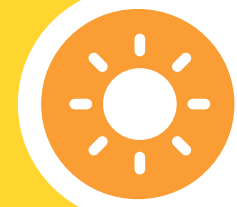


SIEVERS* SOLEIL

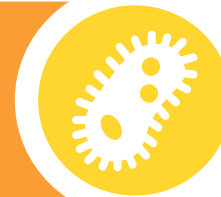
RAPID BIOBURDEN ANALYZER



The Sievers Soleil Rapid Bioburden Analyzer is the first-of-its-kind Rapid Microbial Method (RMM) designed to monitor bioburden at ultrapure levels with results in less than 45 minutes. **With data correlating to plate counts**, users can make data-driven decisions and take quick action to control contamination throughout the manufacturing process.



INNOVATIVE TECHNOLOGY FOR FAST CONTAMINATION CONTROL



- Unique reagents and viability stain combinations detect viable cell counts from Gram-negative bacteria, Gram-positive bacteria, yeast, and mold
- High-throughput flow cytometer measures fluorescence from viable cells and distinguishes between viable cells and abiotic particles
- Can be used in a laboratory or at-line throughout the manufacturing process
- Rapid results and near real-time data mitigate contamination for sample volumes 20-100 mL
- Increase productivity and decrease risks without jeopardizing quality

STREAMLINE PRODUCTIVITY



Benefits occur at many points in the manufacturing process:

- Pharmaceutical manufacturing water – critical control points
- Cleaning validation / hygiene monitoring
- Process water
- Raw materials
- At-line monitoring of drug substances and intermediate products
- Environmental monitoring of process areas



Learn more here

<https://www.watertechnologies.com/lp-ai-soleil>

SPECIFICATIONS

OPERATING SPECIFICATIONS

| | |
|---------------------------------|--|
| Range | <10 biotics/100 mL - 10,000 biotics/100 mL |
| Sample Type | Discrete grab sample |
| Display Readout | Biotics/100 mL |
| Calibration | Typically stable for 12 months |
| Analysis Time | < 45 minute Total Time to Result (TTR) |
| Sample Temperature ¹ | 35-39 °C (95-102.2 °F) |
| Ambient Temperature | 17-30 °C (63-86 °F) |
| Sample Pressure | N/A |
| Instrument Sample Flow Rate | 8 mL/min |

¹Driven by onboard incubation

ANALYZER SPECIFICATIONS

| | |
|-----------------------|--|
| Outputs | USB port, Ethernet TCP/IP |
| Display | 14" laptop touchscreen (1920x1080) |
| Power | 100-240 V~, 50-60 Hz, 165 VA |
| Fuses | Qty 2; T 5A 250 VAC Replace with same type and size fuse Size 5x20 mm appliance inlet |
| Laser (Class 1) | Wavelength: 488 nm Max Power: 135 mW |
| Dimensions | Width: 48.3 cm (19 in) Depth: 43.2 cm (17 in) Height (without laptop): 43.2 cm (17 in) |
| Weight | 18.1 kg (40 lb) |
| Enclosure Rating | IP30 |
| Safety Certifications | ETL, CE, UKCA, FCC, CSA 22.2 |

ENVIRONMENT

| | |
|---------------------------|-----------------------|
| Maximum Relative Humidity | 0-85%, non-condensing |
| Maximum Altitude | 3,000 m (9,800 ft) |
| Pollution Degree | 2 |