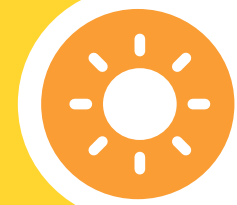


# SIEVERS\* SOLEIL

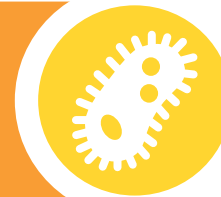
## RAPID BIOBURDEN ANALYZER



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 <sup>1</sup>	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

<sup>1</sup>Driven 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