

BIOTRAK REAL-TIME VIABLE PARTICLE COUNTER

SKU: 9510-BD

Provides real-time counts of total and viable particles in pharmaceutical manufacturing environments to reduce aseptic interventions, improve root-cause investigations, and increase process knowledge.



PRODUCT DETAILS

Truly isolate your aseptic process with the BioTrak® Real-Time Viable Particle Counter (a biofluorescent particle detector). It combines viable particle counting—also called biofluorescent particle counting (BFPC)—with sample capture capability and ISO-compliant total particle counting to offer a complete solution for pharmaceutical environmental monitoring. Superior discrimination between viable and inert particles delivers reliable viable particle data. Time-tested gelatin filter technology efficiently captures sampled microorganisms for subsequent identification.

When combined with TSI [FMS Software](#), it can be used for continuous monitoring of aseptic processes to reduce or eliminate environmental monitoring (EM) interventions, improve quality, and ensure data integrity. Used as a standalone instrument, it can quickly identify sources of contamination during EM investigations, provide data for immediate room release, and aid in the identification and mitigation of risk.


This particle counter can be placed in Data Integrity Mode for enhanced data integrity. Used in conjunction with TSI [TrakPro™ Lite Secure Software](#), Data Integrity Mode is designed per the ALCOA+ principles to meet the demanding regulatory requirements of GMP users. [Learn more >](#)

APPLICATIONS

- Continuous automated monitoring of aseptic environments
- Continuous automated monitoring in support environments
- Improved root cause investigations
- Room release
- Risk reduction

LEARN MORE

- Application notes
 - [Root Cause Investigation Guidance \(CC-123\)](#)
 - [Evaluation Guidance \(CC-124\)](#)
 - [Facility Monitoring Systems \(CC-105\)](#)
- White paper
 - [BioTrak Real-Time Viable Particle Counter Continuous Environment Monitoring in Fill-Finish: Return on Investment](#)
Source: TSI
- Major industry publication features
 - [Real-Time Viable Particle Monitoring: How Does It Work? How Can It Help?](#)
Source: Pharmaceutical Online
 - [Continuous Microbiological Environmental Monitoring for Process Understanding and Reduced Interventions in Aseptic Manufacturing](#)
Source: PDA Journal of Pharmaceutical Science and Technology
 - [Microbiology Roundtable](#)
Source: American Pharmaceutical Review August 2017
- Webinar



Number of Samples: 3

Channel	Min	Max	Average	Std. Dev
0.3 µm	62571	104020	21627.87	6193.15
0.5 µm	16298	31879	1728.21	428.79
1.0 µm	1058	12890	458.35	167.12

Hassle-Free Data Integrity

Trust TSI

TSI data integrity particle counters ensure complete, consistent, and accurate data according to ALCOA+ principles.

[SEE HOW](#)

- [Reliable Root Cause Investigations Using the BioTrak Real-Time Viable Particle Counter](#)

Source: TSI

DOWNLOAD SOFTWARE

To download applicable software and/or firmware, please use the [Software/Firmware Wizard](#).

FEATURES & BENEFITS

- Detection of airborne viable particles in real-time
 - Fully automated process – no media or manual processing
- Simultaneous detection of both total and viable particles
 - Complies with all requirements of ISO 21501-4
 - 1 CFM (28.3 L/min) sample flow rate
 - Only requires a single isokinetic probe at the sample site
- In-line particle collection filter
- Can be used as a standalone instrument or fully integrated with FMS for automated continuous monitoring
- Intuitive icon driven touch screen Graphical User Interface
- Stainless steel enclosure and HEPA filtered exhaust