

CI-3100 Trident Series Airborne Particle Counters

1 CFM Flow Rate 2 - Channels

When Accuracy Matters!™



Continuous Monitoring in Critical Areas

High Accuracy & Unsurpassed Repeatability of Measurement

10,080 Sample Memory Buffer

VHP Compatible

PoE+, Wi-Fi, or A/C Available

HEPA Filtered Exhaust

Seamless Stainless Steel Enclosure

Remotely Controlled and a Rear Panel ON/OFF Button

User Enabled/Disabled Light Ring

Rear Output Contacts for a dedicated Light Tower

Optional RH/Temp Probe

New Proprietary Diagnostics Mitigate Deviation Reports and Failure Investigations.

Compatible with LIMS and other FMS Software Packages

ISO 21501-4

ISO 14644-1/2

EU GMP, Annex 1

21 CFR Part 11

Innovation

The Trident series of particle counters provides a Sample Data Memory Buffer, an optional RH and Temp probe, and is the industry's first to provide Power-over-Ethernet (PoE+) in a particle counter with an integrated vacuum pump. Additional new features include: WiFi, AC power, ON/OFF button, Light Ring for visual alerts, output contacts for a Light Tower, and more. Some new features are patent pending.

Reliability, Accuracy & Support

The **CI-3100 Trident Series** of particle counters are engineered and manufactured with only the highest quality materials. This ensures a long product life-cycle, and up to decades of reliable use. Moreover, we provide calibration support services for all our devices over their lifetime. Our reputation, and where we really excel, is providing highly accurate particle counts over time. Climet internal audits confirm that units returned for calibration have an "In Tolerance" rate of more than 98%. This includes some units that have been manufactured over a decade ago. Simply, Climet particle counters are designed, tested, and calibrated with very tight tolerances to exceed industry standards. Over a decade of count efficiency testing has demonstrated that a properly calibrated Climet particle counter produces good count efficiency, even after more than a decade of field operation!

Lowest Total Cost of Ownership

Not all particle counters are equal. The initial purchase price, cost of calibrations, cost of consumables, out of warranty repairs, and product life-cycle all factor into calculating the Total Cost of Ownership (TCO). Other intrinsic factors include assurance, reliability, accuracy, application support, and superior customer service. These make Climet the unsurpassed leader in the manufacture of particle counters for cleanroom monitoring, validation, and certification.

Custom Engineered Solutions

If you have a specific technical requirement, please contact us. We specialize in customizing our products to fit your needs.

Applications Include:

Cleanroom Monitoring

Medical Device Manufacturing

Pharmaceutical Manufacturing

Hospitals

Semiconductor & Disk Drive Clean

Food & Beverage Processing

Aerospace Assembly

Research & Development

Cosmetic Manufacturing



