

AEROTRAK CLEANROOM CONDENSATION PARTICLE COUNTER 9001

SKU: 9001

Extremely low false-count rate provides accurate 10 nm measurements at low particle concentrations to confidently monitor mini-environments and process gases—keeping manufactured products safe from nanoparticle contamination.



PRODUCT DETAILS

The AeroTrak® Cleanroom Condensation Particle Counter (CPC) Model 9001 is the only water-based, laminar flow, high flow rate instrument on the market—providing the confidence needed for monitoring critical environments. Using patented technology, the instrument provides 10 nm sensitivity at a 0.1 CFM (2.83 L/min) flow rate. With an ultra-low false count rate, the AeroTrak 9001 Cleanroom CPC is ideally suited for the low particle concentrations found in ISO Class 1 and Class 2 environments.

APPLICATIONS

- Tracking down nano-scale particle contamination sources (10 nm < 100 nm)
- Process improvement
- Monitoring clean areas
- Looking for filter leaks
- Conducting indoor air quality investigations

DOWNLOAD SOFTWARE

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

TSI UNDERSTANDING, ACCELERATED

10 nm MEASUREMENT LIKE NO OTHER!

AEROTRAK® 9001 CLEANROOM CONDENSATION PARTICLE COUNTER

- + For ultra-clean environments and process gases
- + Confident 24/7 operation
- + Six month maintenance cycles
- + Ultra-low false count rate (<0.07 counts/ft³)
- + Comprehensive self-diagnostics

NEW

TSI—THE LEADING MANUFACTURER OF CPCs FOR NEARLY 40 YEARS

ISO CLASS 1 & 2

FEATURES & BENEFITS

- 10 nm sensitivity
- 0.1 CFM (2.83 l/min) sample flow
- Low false-count rate (< 0.07 count/ft³) provides accurate measurements at low particle concentrations
- Fast response
- Uses Ultra-Pure or DI water as working fluid, keeping alcohol or other chemicals out of the cleanroom
- Data Storage: 250 zones, 999 locations, and 10,000 samples
- USB, USB storage device, and Ethernet data transfer
- External reporting via TrakPro™ Lite Secure Software
- Industry's loudest audible alarm
- Easy, icon-driven touch screen operation
- Allows storage and recall of specific recipes and zone configuration

- Works with optional AeroTrak High Pressure Diffuser Model 7950 for measurement of high pressure gases (CDA, N₂, AR)
- 316L stainless steel enclosure