

AEROTRAK PORTABLE PARTICLE COUNTER 9110

SKU: 9110-01

Flow Rate 1 CFM (28.3 L/min) $\pm 5\%$ accuracy / Particle Size Range 0.100 to 10.0 μm



PRODUCT DETAILS

The TSI AeroTrak® Portable Particle Counter Model 9110 offers an accurate measurement of particles down to 0.100 μm ! This is made possible utilizing a patented HeNe laser technology that is low maintenance with an enhanced signal to noise ratio. The Model 9110 is ideal for performing ISO-14644-1 classifications for Class 1 and Class 2 cleanrooms. This instrument is designed for clean room monitoring, process tool monitoring, and filter test applications.

The Model 9110 can generate pass/fail reports for ISO 14644-1 via the onboard printer and the supplied TrakPro™ Lite Secure download software. Multiple particle counter configurations can be conveniently stored and uploaded as needed. This product can be used as a standalone particle counter or integrated into a facility monitoring system like TSI's [FMS 5](#).

The Model 9110 complies with all the stringent requirements set forth in ISO 21501-4. It is calibrated with NIST traceable PSL spheres using TSI's world-class Classifier and Condensation Particle Counters.



APPLICATIONS

- Particle contamination monitoring
- Installed filter leak testing
- Cleanroom certification

DOWNLOAD SOFTWARE

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

FEATURES & BENEFITS

- Accurately measures particles at 0.100 µm
- 0.100 to 10.0 µm size range
- Up to eight channels of simultaneous data
- 1.0 CFM (28.3 L/min) flow rate
- Complies with all requirements of ISO 21501-4
- Best choice for testing Class 1 and 2 Cleanrooms
- Onboard reports for ISO-14644-1, EU GMP Annex 1, and FS209E
- External certification reports via TrakPro™ Lite Secure
- Utilizes enhanced HeNe laser
- Highly repeatable and reliable measurements/data
- Data storage: 250 zones, 999 locations, and 10,000 samples
- USB, USB storage device, ethernet data transfer and pulse outputs
- Industry's loudest audible alarm
- Allows storage and recall of specific Recipes and Zone configurations

- Displays up to three environmental parameters
- Stainless steel enclosure
- Seamless integration with M32-01 manifold