



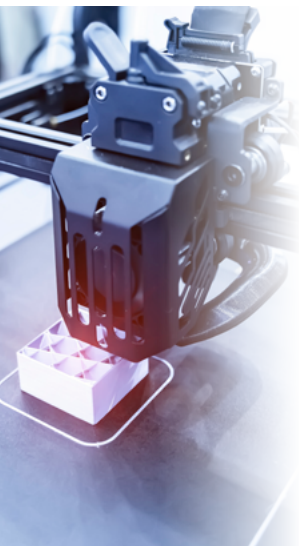
® Knowledge Beyond Measure.



# Exposure Insights for Real-World Applications

OmniCount™ Portable  
Water-Based Condensation  
Particle Counters





OmniCount™ Portable Water-Based Condensation Particle Counters (PW CPCs) can deliver precise ultrafine (UFP) / nanoparticle measurements, making them a valuable tool for industrial hygienists, health and safety professionals, and indoor air quality experts. With real-time data capabilities and a portable, easy-to-use design, OmniCount™ PW CPCs can help you pinpoint sources of UFP / nanoparticles, address tough air quality challenges, and support workplace exposure assessments. Suitable for both mobile and stationary use, OmniCount™ PW CPCs can offer cost-effective monitoring to help you make informed decisions in complex environments.

### **Innovation Designed for the Field**

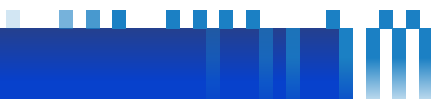
- Water-based CPC (no alcohol)
- Orientation-independent measurement
- Live data monitoring via Bluetooth
- OmniTrak™ platform integration



# What You Can Use It For:

- **Personal and mobile monitoring**  
OmniCount™ PWPCs can assist with direct, real-time identification of UFP / nanoparticle levels at the source
- **Indoor air quality investigations**  
OmniCount™ PWPCs can help you pinpoint problem areas and track pollutant transport pathways throughout facilities
- **Occupational health and safety assessments**  
OmniCount™ PWPCs can support work area monitoring and help address complex workplace air quality challenges
- **Outdoor and ambient monitoring**  
OmniCount™ PWPCs can facilitate monitoring campaigns to characterize and compare environmental conditions in various locations
- **Field and remote measurement campaigns**  
OmniCount™ PWPCs can offer reliable data collection in dynamic or hard-to-reach settings
- **Academic research and teaching**  
OmniCount™ PWPCs can enable hands-on demonstrations and investigations into UFP / nanoparticle behavior and control strategies

- **Model 3002 Exclusives:**  
**Real-time respirator fit assessments and filtration efficiency measurements**  
OmniCount™ PWPC model 3002 can support advanced applications requiring simultaneous dual-channel or location UFP / nanoparticle comparisons



# Why Choose OmniCount™ PW CPC?

- **Real-Time UFP Monitoring:**  
OmniCount™ PW CPCs can provide direct, real-time UFP / nanoparticle data to help you quickly identify potential sources and trends in demanding environments
- **Easy to Use and Portable:** With intuitive operation, battery operated and lightweight construction, OmniCount™ PW CPCs can simplify measurement tasks for busy professionals in the field or workplace
- **Adaptable for the Field:** Operating for more than four hours on battery power at 20°C/68°F, OmniCount™ PW CPCs can support measurements in both mobile and stationary scenarios. Plug-in power options offer flexibility for extended assessments
- **Sustainable Approach:**  
Using distilled water rather than isopropyl alcohol, OmniCount™ PW CPCs can help reduce consumable costs, and streamline daily workflows
- **Dual-Channel Capability:**  
The model 3002 can enable simultaneous UFP / nanoparticle comparisons between two separate/nearby locations — a valuable advantage for applications such as real-time respirator fit checks and filtration efficiency studies with OmniCount™ PW CPCs
- **Real-World Fit Assurance:**  
Dual-channel OmniCount™ PW CPCs deliver real-time respirator fit assurance by measuring protection performance during actual tasks and changing workplace conditions



# Key Features



- **Customizable Configurations:** Select the single-channel (3001) or dual-channel (3002) model, so OmniCount™ PWPCs can match your specific monitoring requirements



- **Broad Detection Range:** OmniCount™ PWPCs can detect particles from less than 10 to 1,000 nm and support concentration levels up to 200,000 particles/cm<sup>3</sup>, helping you assess a wide range of environments



- **Simple, Real-Time Data Management:** With Bluetooth® LE and USB-C connectivity, OmniCount™ PWPCs can provide immediate access to robust data, supporting timely assessment and response (i.e., immediate access to information and ability to conduct corrective actions)



- **Convenient Data Storage:** OmniCount™ PWPCs include on-board data storage with three operation modes, making it easier to capture and organize your measurements



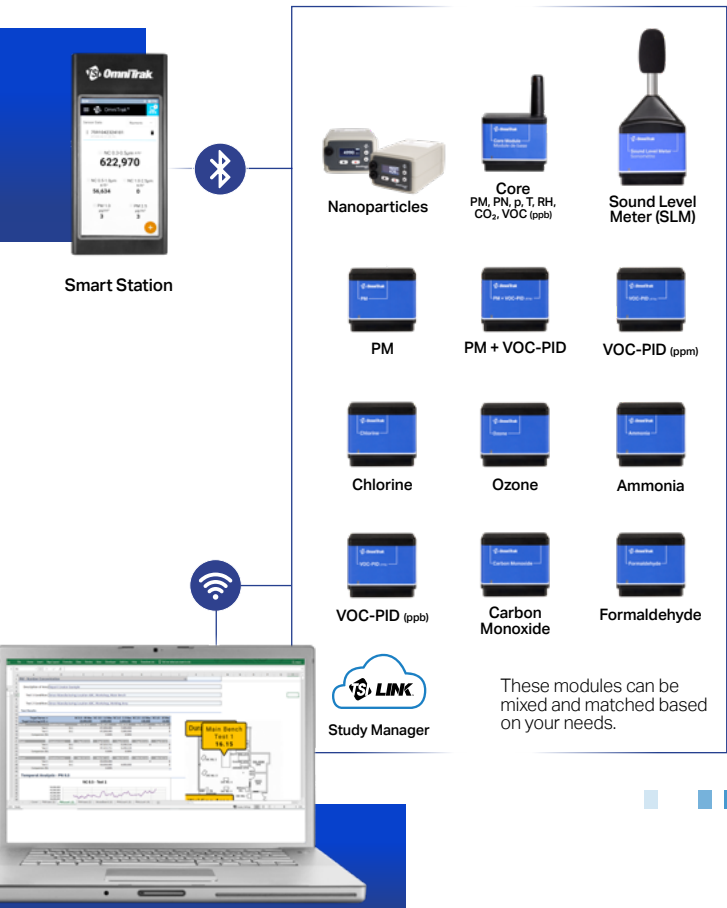
- **Streamlined Analysis:** Specialized PC software can enable straightforward data collection, access, and reporting with OmniCount™ PWPCs, helping you efficiently solve air quality and workplace exposure challenges

# OmniTrak™ Platform Integration

## Expanding OmniCount™ PWPCP Capabilities

### A Powerful Duo for Multi-Location and Multi-Parameter Air Monitoring

The TSI OmniCount™ PWPCP integrates seamlessly with the OmniTrak™ platform. This powerful combination alongside a full suite of particulate, gas, and noise parameters - all time-synchronized across multiple units and locations simultaneously. Deploy multiple OmniCount units across a facility and capture a complete, multi-parameter exposure pictures from a single platform. Designed to assist professionals in industrial hygiene and environmental research, this modular system provides unmatched, multi-parameter insights for real-world applications.



## Why Integrate with the OmniTrak Platform?

- **Monitor Multiple Locations Simultaneously:** Deploy instruments across rooms, buildings, or sites. You can identify sources and track variations across spaces within a 100-meter Bluetooth Low Energy (BLE) range
- **Gain the Bigger Picture:** Correlate UFP / nanoparticle measurements with particulate matter, key gases, noise, temperature, and relative humidity for truly comprehensive insights
- **Real-Time Data Validation:** Access live data on the OmniTrak™ Smart Station. This allows you to spot trends, validate experiments, and troubleshoot instantly
- **Simplify Data Management:** Export well-organized, time-synced results as CSV files, or connect seamlessly to TSI Link™ Report Creator for advanced analysis
- **Flexibility and Scalability:** Expand your monitoring setup easily as your needs evolve. You can add modules or devices without disrupting your workflow

## Built for H&S Professionals

This scalable approach supports a variety of demanding applications requiring robust data collection:

- Real-time UFP / nanoparticle monitoring in buildings, schools, and aircraft cabins
- Personal exposure studies
- Source emissions research
- Worker exposure assessment - welding, grinding, additive manufacturing
- Engineering control verification - before/after evidence that controls are working
- Facility -wide IH surveys, IAQ investigations and source identification

PLAT  
FORM



# Take the Next Step

Discover how the OmniCount™ PWPCs can assist your monitoring campaigns and help you capture UFP / nanoparticle data.



Visit [tsi.com/omnicount-protect](https://www.tsi.com/omnicount-protect) or contact our team today to learn more and request a demonstration.



**Knowledge Beyond Measure.**

**TSI Incorporated** - Visit our website [www.tsi.com](https://www.tsi.com) for more information.

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