



Knowledge Beyond Measure.

AeroTrak™ + Remote Active Air Sampler

Model 7010



TSI® AeroTrak™+ 7010 Remote Active Air Sampler (AAS) offers aseptic manufacturers confident and reliable microbial monitoring in pharmaceutical manufacturing Grade A and B environments with external vacuum systems.

With active flow measurement and proactive flow alarms, the AAS allows cleanroom technicians to correct facility conditions before monitoring is affected to reduce production waste. The AAS integrates into TSI® Facility Monitoring Software to put critical data at your fingertips – without worry of data interruption or loss.

Features and Benefits

Reliable Measurement

- Easy compliance with FDA cGMP and EU GMP regulations by way of low d_{50} (0.8 μm) and active flow measurement
- Quick corrective action driven by real-time flow measurement warnings—e.g., kinked tubing, vacuum loss, etc.
- Design specific for Grade A and B environments with traceable materials and thoughtful accessories
- Reduced interventions to change agar plates through intermittent sampling

Confident Results

- Complete environmental monitoring system by TSI® with integrated total particle and microbial monitoring
- Hassle-free data integrity with FMS Software integration and automated, sample-based reporting
- Secure shareability—OPC UA interface to LIMS
- Distributed architecture without common points of failure
- No lost data—sampling completes even if network fails

Confident, Reliable, No-Hassle Compliance & Data Integrity

TSI® Complete Facility Monitoring Systems
Learn more at www.tsi.com/reliablesystem



Specifications

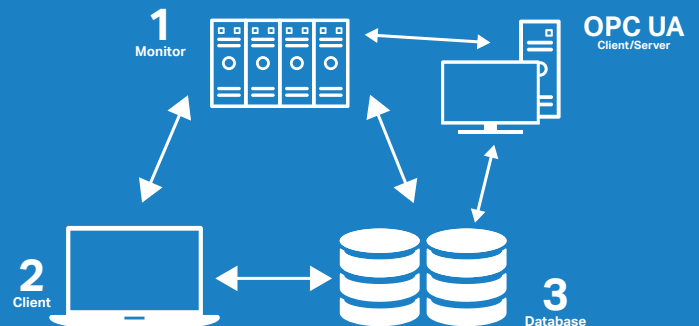
Aerotrak™ + Remote Active Air Sampler Model 7010

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|--|---|----------------------|--|
| Flow Rate | 28.3 LPM (1.0 CFM) with ±5% accuracy | Weight | |
| Sampling Method | Sieve impaction | Sample Head | 1.3 lb. (0.59 kg) |
| d ₅₀ | 0.8µm per ISO 14698-1:2003 | Control Box | 2.3 lb. (1.05 kg) |
| Sampling | Continuous or Intermittent | Power | Power-over-Ethernet (PoE) compliant with IEEE 802.3at or 12-24 VDC @ 30W |
| Vacuum Source | External vacuum > 15 in. (38.1 cm) of Hg | Relay Load | 0.5 A at 125 VAC; 2 A at 30 VDC |
| Control Box Enclosure | Stainless steel | Overvoltage Category | II |
| Sample Head (Base and Cap) | 316L SS | Storage Range | 14° to 122°F (-10° to 50°C) / Up to 98% non-condensing |
| Recommended Tubing (Between Sample Head and Control Box) | 0.5 in. ID x 0.625 in. OD 20 m maximum length | Included Accessories | Power connector, 90 mm plate standoffs, and operating manual and configuration utility on USB flash drive |
| Agar Plate Recommended | | Optional Accessories | Sample cap, sample head base, power supply, plate holder, tri-clamp, sanitary inlet adapter, sanitary to barb adapter, mounting bracket, tubing, and USB-C cable |
| Dimensions | 90 mm agar plate, deep fill (27 ml) | | |
| Standards | CE | | |
| Operating Environment | Indoor use only | | |
| Temperature | 50° to 104°F (10° to 40°C) | | |
| Relative Humidity | 20% to 95% non-condensing | | |
| Altitude | <10,000 ft. (3,050 m) | | |
| Pollution Degree | 1 | | |
| Communication | TSI® FMS 5 Monitoring System | | |
| Status Indicator | Power, flow, sample and ethernet | | |
| Data Storage | 256,000 sample records | | |
| Dimensions (HxWxD) | | | |
| Sample Head | 4.5 in. x 3.4 in. (11.4 cm x 8.6 cm) | | |
| Control Box (H x W x D) | 5.6 in. x 4.5 in. x 2.6 in. (14.2 cm x 11.4 cm x 6.7 cm) | | |

NO INTERRUPTIONS.
NO DATA LOSS.
NO-HASSLE COMPLIANCE.

Complete facility monitoring systems offered by TSI®.

Learn more at www.tsi.com/reliablesystem



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TSI Incorporated - Visit our website www.tsi.com for more information.

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