



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

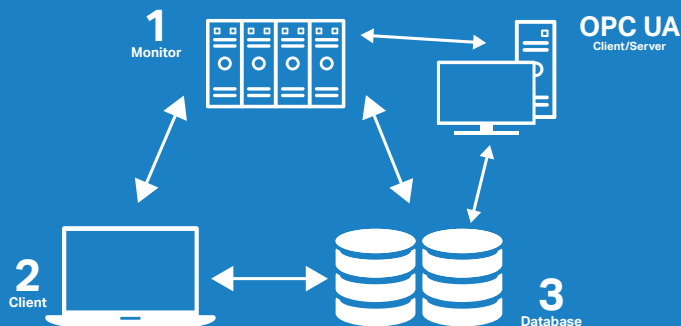
Aerotrak®+ Remote Active Air Sampler Model 7010

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 Dimensions	90 mm agar plate, deep fill (27 ml)	Optional Accessories	Sample cap, power supply, plate holder, exhaust filter, sanitary fitting inlet, tri-clamp fittings, alarm cable, sample tubing, vacuum tubing and mounting bracket
Standards	CE		
Operating Environment Temperature	Indoor use only 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 Sample Head	15 minutes of 1 second data		
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



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

USA	Tel: +1 800 874 2811	India	Tel: +91 80 67877200
UK	Tel: +44 149 4 459200	China	Tel: +86 10 8219 7688
France	Tel: +33 1 41 19 21 99	Singapore	Tel: +65 6595 6388
Germany	Tel: +49 241 523030		