

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 & 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

RELIABLE MEASUREMENT

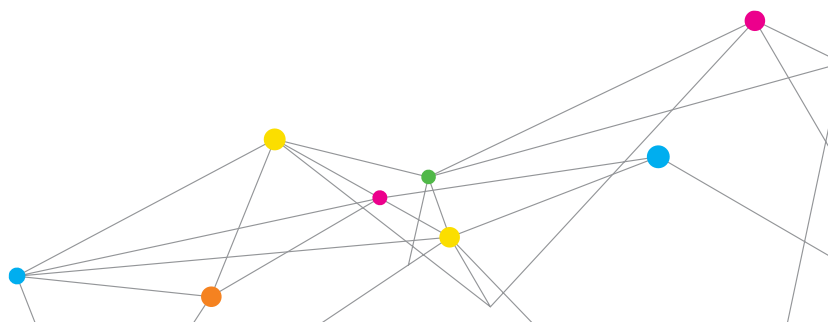
CONFIDENT RESULTS

**CONFIDENT, RELIABLE, NO-HASSLE
COMPLIANCE & DATA INTEGRITY**

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



UNDERSTANDING, ACCELERATED



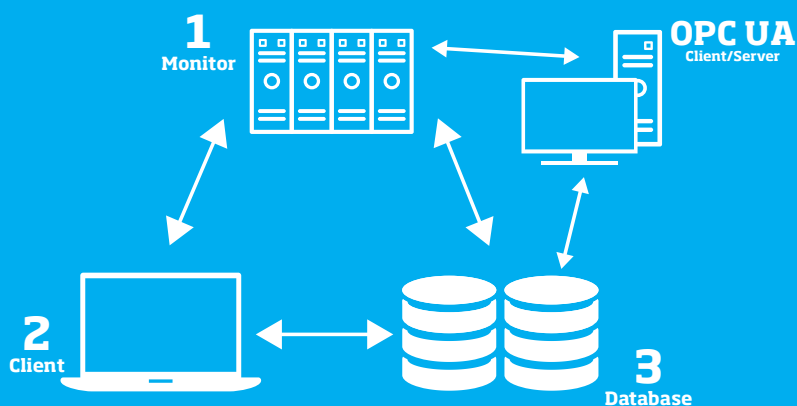
SPECIFICATIONS

AEROTRAK®+ REMOTE ACTIVE AIR SAMPLER MODEL 7010

Flow Rate	28.3 LPM (1.0 CFM) with ±5% accuracy	Weight	Sample Head Control Box	1.3 lb. (0.59 kg) 2.3 lb. (1.05 kg)
Sampling Method	Sieve impaction	Power	Relay Load Overvoltage Category	Power-over-Ethernet (PoE) compliant with IEEE 802.3at) or 12-24 VDC @ 30W 0.5 A at 125 VAC; 2 A at 30 VDC II
d₅₀ Sampling	0.8µm per ISO 14698-1:2003 Continuous or Intermittent	Storage Range	Included Accessories	14° to 122°F (-10° to 50°C) / Up to 98% non-condensing Power connector, 90 mm plate standoffs, and operating manual and configuration utility on USB flash drive
Vacuum Source	External vacuum > 15 in. (38.1 cm) of Hg	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
Control Box Enclosure	Stainless steel			
Sample Head (Base and Cap)	316L SS			
Recommended Tubing (Between Sample Head and Control Box)	0.5 in. ID x 0.625 in. OD 20 m maximum length			
Agar Plate Recommended 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	Ethernet (TCP/IP) Modbus RTU			
Status Indicator	Power, flow, sample and ethernet			
Data Storage	256,000 sample records			
Dimensions				
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



UNDERSTANDING, ACCELERATED

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