

# AEROTRAK<sup>®</sup>+ REMOTE ACTIVE AIR SAMPLER MODEL 7010

TSI<sup>®</sup> AeroTrak<sup>®</sup>+ 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  $\mu\text{m}$ ) 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

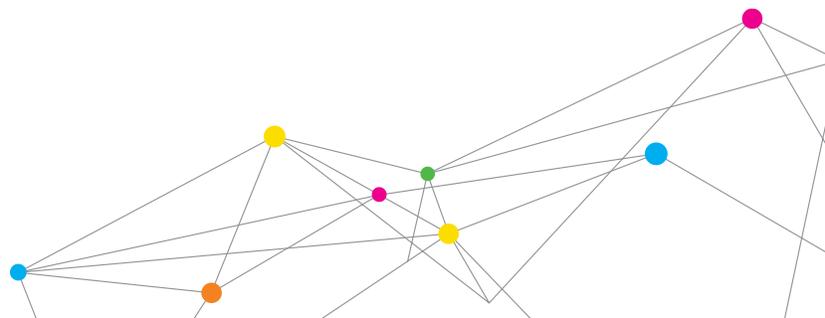
- + Complete environmental monitoring system by TSI with integrated total particle and microbial monitoring
- + Hassle-free data integrity with FMS Software integration and automated, sample-based reporting
- + Secure shareability—OPC UA interface to LIMS
- + Distributed architecture without common points 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](http://www.tsi.com/reliablesystem)



UNDERSTANDING, ACCELERATED



## SPECIFICATIONS

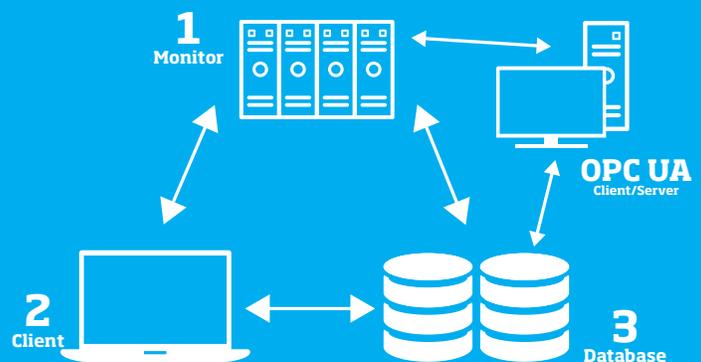
### AEROTRAK®+ REMOTE ACTIVE AIR SAMPLER MODEL 7010

<b>Flow Rate</b>	28.3 LPM (1.0 CFM) with ±5% accuracy
<b>Sampling Method</b>	Sieve impaction
<b>d<sub>50</sub></b>	0.8µm per ISO 14698-1:2003
<b>Sampling</b>	Continuous or Intermittent
<b>Vacuum Source</b>	External vacuum > 15 in. (38.1 cm) of Hg
<b>Control Box Enclosure</b>	Stainless steel
<b>Sample Head (Base and Cap)</b>	316L SS
<b>Recommended Tubing (Between Sample Head and Control Box)</b>	0.5 in. ID x 0.625 in. OD 20 m maximum length
<b>Agar Plate Recommended Dimensions</b>	90 mm agar plate, deep fill (27 ml)
<b>Standards</b>	CE
<b>Operating Environment</b>	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
<b>Communication</b>	TSI FMS5 Monitoring System
<b>Status Indicator</b>	Power, flow, sample and ethernet
<b>Data Storage</b>	256,000 sample records
<b>Dimensions</b>	
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)

<b>Weight</b>	
Sample Head	1.3 lb. (0.59 kg)
Control Box	2.3 lb. (1.05 kg)
<b>Power</b>	Power-over-Ethernet (PoE) compliant with IEEE 802.3at) or 12-24 VDC @ 30W
Relay Load	0.5 A at 125 VAC; 2 A at 30 VDC
Overvoltage Category	II
<b>Storage Range</b>	14° to 122°F (-10° to 50°C) / Up to 98% non-condensing
<b>Included Accessories</b>	Power connector, 90 mm plate standoffs, and operating manual and configuration utility on USB flash drive
<b>Optional Accessories</b>	Sample cap, power supply, plate holder, exhaust filter, sanitary fitting inlet, tri-clamp fittings, alarm cable, sample tubing, vacuum tubing and mounting bracket

NO INTERRUPTIONS.  
NO DATA LOSS.  
NO-HASSLE COMPLIANCE.  
Complete facility monitoring systems offered by TSI.

Learn more at [www.tsi.com/reliablesystem](http://www.tsi.com/reliablesystem)



UNDERSTANDING, ACCELERATED

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

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