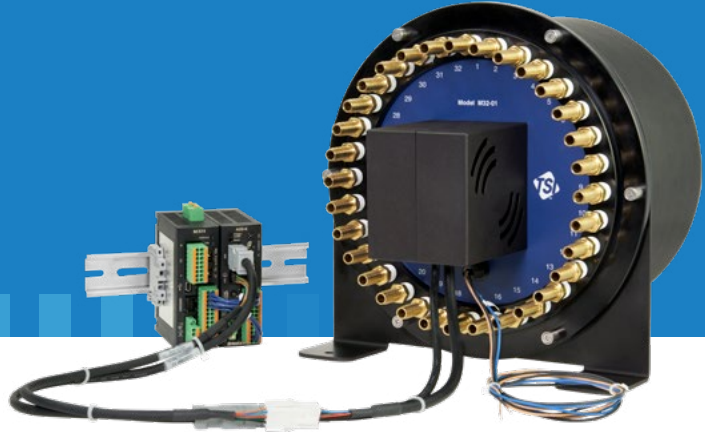




® Knowledge Beyond Measure.

# Aerosol Sampling Manifold

Model M32-01



## Monitor multiple points with a single instrument.

The TSI® Aerosol Sampling Manifold Model M32-01 offers an affordable solution for monitoring multiple locations in large areas with a single particle counter. The Manifold can provide important trend analysis and clean room verification. The product has 32 sampling ports and is compatible with TSI® 1 CFM (28.3 L/min) AeroTrak™ and AeroTrak™+ Portable Particle Counters, including those down to 0.1 µm sensitivity. The Manifold is controlled via TSI® FMS Software, allowing the user to configure and control the system to meet their requirements. The Manifold is backed by TSI's long-standing reputation as the recognized standard for particle measurements and is backed by a two year warranty.

## Features and Benefits

- Multiplexed monitoring for up to 32 locations
- Short purge time
- Economical price per point sampling
- Bi-directional control capability
- Sample runs of up to 125 feet (38.1 m)
- Programmable sampling point sequences
- Controlled by TSI FMS Software
- Compatible with 1 CFM (28.3 L/min) AeroTrak™ and AeroTrak™+ Portable Particle Counters
- Includes separate driver and controller for network installation



## Specifications

# Aerosol Sampling Manifold

Model M32-01

Manifold System	
Sample Ports	32-port capability
Compatibility	Operates with 28.3 L/min (1 CFM) TSI® AeroTrak™ and AeroTrak™+ Portable Particle Counters, and AeroTrak™ 7110 Remote Particle Counter
Manifold Module	
Flow Rate	Nominal 3 CFM per sample point, 1 CFM flow rate to particle counter from Model M32-01
Purge Time	<10 seconds
Cross Talk	<0.2% cross talk between ports
Sample Tubing Size	3/8" ID, 1/2" OD
Sample Tubing Length	125 ft (38.1 m) capability per port, avoiding bends or kinks in tubing
Fitting Provided	Barbed fitting to accept 3/8" ID tubing
Control	Manifold is controlled by TSI® FMS Software
Communication Protocol	Serial Communication via USB
Software Compatibility	TSI® FMS Software (Versions 5 or later)
Directional Control	Bi-directional stepper motor
Power	24 VDC, 4.0 A
Dimensions (HWD)	10.7 in. x 10.7 in. x 12.9 in. (27.2 cm x 27.2 cm x 32.8 cm)
Weight	10 lb (4.54 kg)
Operating Conditions	59° to 113° F (15° to 45° C); up to 85% RH non-condensing
Warranty	Two years
Reference Position	Integrated home sensor
Included Accessories	Online operating manual, connectors for power and communications
Optional Accessories	Isokinetic sampling probes, sample tubing, manifold adapter kit

Note - Vacuum blower not provided.

Specifications are subject to change without notice.

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