

AEROTRAK® HIGH PRESSURE DIFFUSER MODEL 7950



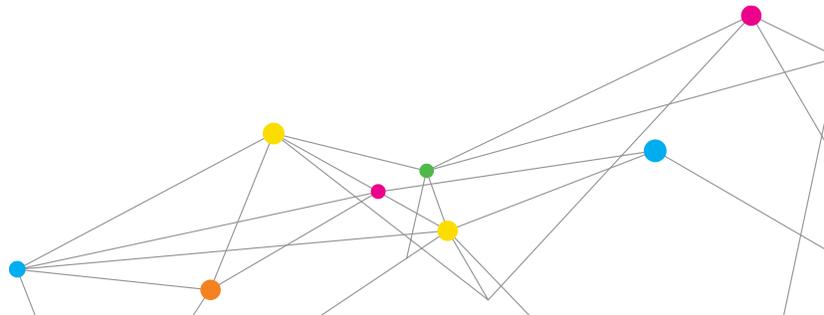
The TSI AeroTrak® High Pressure Diffuser (HPD) Model 7950 accessory allows the TSI AeroTrak Particle Counters to measure particulate contamination in high-pressure compressed gas systems. As particle counters cannot sample high pressure gas, they require HPD accessories to reduce the pressure of compressed gases to assess the cleanliness level of compressed gas systems.

Features and Benefits

- + Compatible with 0.1 cfm AeroTrak Particle Counters (both remote and handheld models) and AeroTrak Condensation Particle Counter Model 9001
- + For monitoring and testing to ISO 8573-1 and SEMI E49.8 limits
- + Reduces gas pressure of up to 120 psi (8.27 bar) to near atmospheric pressure
- + 0.1 cfm (2.83 lpm) nominal flow rate
- + No manual adjustments or calibration required
- + For use with Clean Dry Air (CDA), Nitrogen (N₂) and Argon (Ar)
- + Passivated stainless steel enclosure resists cleanroom chemicals
- + Exhaust HEPA filter protects diffuser from contamination when disconnected from compressed gas source



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SPECIFICATIONS

AEROTRAK® HIGH PRESSURE DIFFUSER MODEL 7950

Model 7950	
Flow rate	0.1-0.12 cfm (2.83 - 3.50 lpm)
Pressure Range	30 - 120 psi (2.06-8.27 bar)
Max Purge Pressure	150 psi (10.34 bar)
Sample Gas Types	CDA, N ₂ , Ar
Dimensions	12.38 x 7.5 x 4.44 inches (31.4 x 19.1 x 11.3 cm)
Weight	7.4 lbs (3.4 kg)
Exhaust Filter	HEPA (>99.97% for 0.3 μm particles)
Inlet fitting	¼-inch male VCR Face Seal (316SS)
Outlet fitting	¼-inch tube connector (316SS)
Material	Enclosure & Body: Passivated 304 Stainless Steel
	VCR Gaskets: Nickel
	Critical Orifices: 316L VAR Stainless Steel
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Specifications are subject to change without notice.

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