



TDA-D Series Aerosol Diluters



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ATI TDA-D Series Aerosol Diluters

An Industry Solution

Designed for the specialized needs of the high efficiency particulate (HEPA) filter testing industry, the TDA-D Series aerosol diluters enhance the effectiveness of optical particle counters by diluting the upstream concentration of aerosol to measurable levels.

Placed between the aerosol source and a particle counter, these diluters minimize pressure drop and aerosol loss while preventing saturation of the particle counter.

Versatile technology

The TDA-D series aerosol diluters are compatible with any 1cfm particle counter. They are available in 10:1 and 100:1 versions and work with any type of aerosol challenge, including PSL, PAO, DOP and NaCl. Each and every TDA-D Series Diluter is configured to customer specific requirements.

Product Configuration

TDA-D Series Diluters are available in 10:1 and 100:1 dilution options and can be plumbed in series to achieve additional dilution configurations.



Run Time Meter

Product specifications: ATI TDA-D Series Aerosol Diluters

	TDA-D10	TDA-D100
DILUTION RATIO:	10:1	100:1
AIR FLOW RATE:	1 cfm	
PRESSURE DROP:	Nominally \leq 1" W.C.	
ELECTRICAL:	Not required	
RUN TIME METER:	included	
MATERIAL:	Stainless Steel	
OPERATIONAL INLET/OUTLET:	0.325 inch ID	
SIZE:	6.5" x 3.3" x 22.0" 15.5cm x 8.3cm x 55.9cm	
WEIGHT:	7.0lbs 3.0kg	
ROUTINE MAINTENANCE:	Replace internal bypass filters as necessary. Ultrasonic cleaning of annular orifice. Clean or replace tubing as required.	



Service & Training @ ATI

OEM calibration, maintenance & repair

ATI Certified Operational, Service & Maintenance Training (ask for details)

Quality testing for HEPA filters & protective masks available at our ISO-9001 registered, NQA-1 & DOE audited Test Laboratory



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