



TDA-4 Series Laskin-Nozzle Aerosol Generators



The TDA-4 series family of Laskin-Nozzle aerosol generators are **durable, portable, and reliable**. Designed for testing filter systems ranging from small glove boxes to large Cleanroom plenums, ATI Laskin Nozzle generators provide the ideal solution for creating a polydispersed, sub micron aerosol to certify and qualify in-situ filter systems. End users include independent filter certifiers, government and commercial nuclear facilities, pharmaceutical manufacturers, medical facilities, as well as other industrial applications.



TDA-4 SERIES LASKIN-NOZZLE AEROSOL GENERATOR

A Tough, Portable Solution

The TDA-4 series family of Laskin-Nozzle aerosol generators are durable, portable, and reliable. Designed for testing filter systems ranging from small glove boxes to large Cleanroom plenums, ATI Laskin Nozzle generators provide the ideal solution for creating a polydispersed, sub micron aerosol to certify and qualify in-situ filter systems. End users include independent filter certifiers, government and commercial nuclear facilities, pharmaceutical manufacturers, medical facilities, as well as other industrial applications.

A Flexible Solution

The TDA-4B family of aerosol generators produce an industry standard true Laskin III-A repeatable aerosol and feature adjustable aerosol concentration output to meet multiple application requirements. These generators are used in conjunction with an aerosol photometer to measure the aerosol penetration of an individual filter or filter system, typically to identify, quantify and repair leaks. Aerosol concentration output varies by generator model; however concentrations can be achieved from 100 ug/l down to 10 ug/l at airflows ranging from 405 to 8,100 cfm*.

Rugged Convenient Design

The TDA-4B family features rugged stainless steel, with easily cleanable construction, a large fill port, jet and pressure control, and a standard three-inch sanitary fitting outlet collar.

Optional Hose Adaptor Kit

A hose adaptor kit (hose not included), used to introduce aerosol remotely, connects easily to the standard outlet collar and is available as an accessory.



PRODUCT SPECIFICATIONS		
	TDA-4B	TDA-4B <i>lite</i>
Size	11" (L) x 11" (W) x 10" (H)	11" (L) x 8" (W) x 10" (H)
Weight	16lbs (7.3kg)	12lbs (5.5kg)
Aerosol Output	50 – 8,100 cfm	50 – 4,050 cfm
Concentration	100 ug/l @*: 810 cfm 10 ug/l @*: 8,100 cfm	100 ug/l @*: 405 cfm 10 ug/l @*: 4,050 cfm
Generator Type	1 to 6 Laskin Nozzle	1 to 3 Laskin Nozzle
Compressed Air	min 3.0 cfm/nozzle @ 23 psig	
Aerosol Type	Polydisperse (Cold)	

*If using more than two nozzles, upstream concentrations should be measured.

Service & Training @ ATI

- OEM calibration, maintenance & repair
- ATI Certified Operational, Service & Maintenance Training (Contact Us)
- Quality testing for HEPA filters & protective masks available at our ISO-9001 registered, NQA-1 & DOE compliant Test Laboratory



Protecting People, Products & Critical Infrastructure

PH 410.363.9696
FX 410.363.9695

11403 Conridge Drive,
Owings Mills, MD, 21117-2247

info@atitest.com
www.atitest.com