



4B

The 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 poly-dispersed, 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.

APPLICATIONS

- ✓ Independent Filter Certifiers
- ✓ Pharmaceutical Manufacturers
- ✓ Medical Facilities and Cleanrooms

A Tough, Portable Solution

The 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.

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

Flexible and Adjustable

The 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 µg/l down to 10 µg/l at air flows ranging from 405 to 8,100 cfm*.

An optional hose adapter kit (hose not included), used to introduce aerosol remotely, connects easily to the standard outlet collar.

Product Specifications

4 B	
Size	11" (L) x 11" (W) x 10" (H)
Weight	16lbs (7.3kg)
Aerosol Output	50 – 8,100 cfm
Concentration	100 µg/l @*: 810 cfm 10 µg/l @*: 8,100 cfm
Generator Type	1 to 6 Laskin Nozzle
Compressed Air	min 3.0 cfm/nozzle @ 23 psig
Aerosol Type	Polydisperse (Cold)

4BLITE	
Size	11" (L) x 8" (W) x 10" (H)
Weight	12lbs (5.5kg)
Aerosol Output	50 – 4,050 cfm
Concentration	100 µg/l @*: 405 cfm 10 µg/l @*: 4,050 cfm
Generator Type	1 to 3 Laskin Nozzle
Compressed Air	min 3.0 cfm/nozzle @ 23 psig
Aerosol Type	Polydisperse (Cold)