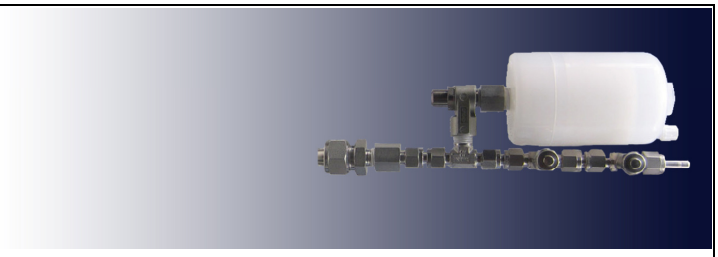
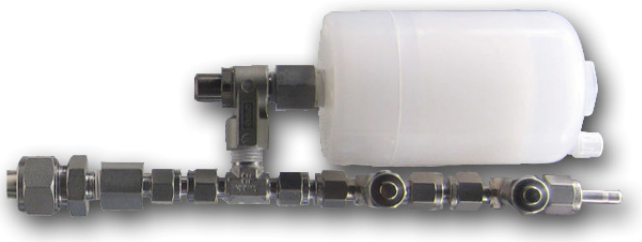
MILHOLLAND & ASSOCIATES



Milholland & Associates NIST traceable aerosol dilutors have been refined and proven in over 20 years of actual cleanroom testing. They are designed specifically for low concentrations of Poly Alpha Olefin (PAO) or Polystyrene (PSL) microsphere aerosols and use capillary flow as the principle of operation. These units are very durable and drift free. They do not rely on electronics, mass flow meters, transducers, or orifices.

Inquire about custom dilution ratios and OEM devices. We have provided two stage devices with dilution factors of up to 400,000:1, units with pressure transducers for computer interfacing, custom dilutors for 2.0 cfm particle counters, units compatible with VHP and Chlorine Dioxide sterilization, and other custom configurations. Contact us with your specific needs.

# Model HHAD
# Aerosol Dilutors



## Features and Benefits

- Vertical configuration with axial alignment to the particle counter inlet allows for low particulate loss due to gravitational effects.
- Short inlet body reduces sample delay to particle counters.
- Single dilution value set to a constant standard flow rate.
- Customer can specify a dilution factor within a range of 10:1 to 1000:1.
- Light weight and can be directly attached to the particle counter isokinetic inlet probe.
- No electrical power required on standard models. Units can also be equipped with a pressure transducer.

## Technical Specifications

- For use with 0.1cfm (2.83lpm) controlled flow particle counters capable of overcoming 20 cm w.g. inlet resistance.
- Stainless steel body along sample flow path. (Alternate materials available for lighter weight units)
- Weight (dilutor body) ~1.1lbs (0.5kg)

**Contact Milholland & Associates for more detailed specifications.**

**Milholland & Associates – 3208 Mills Lake Wynd, Holly Springs, NC 27540 USA**

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