



Portable Test Aerosol Generator

Model 3073

A portable test aerosol generator for low and high concentration polydisperse aerosols. It generates submicron aerosols from oils, and from salt or PSL gold or glass solutions. The innovative new flow control reduces power consumption and achieves highly stable particle production rates, ideal for calibration of particle sizing instruments. Its compact and lightweight design coupled with battery operation (sold separately) make it a perfect fit for use in field test applications.

Portable Atomizer

Model 3079A

This rugged, compact atomizer generates particles in concentrations over 10^8 particles/cm³ and offers an adjustable flow rate from 1.0 to 4.2 L/min. A built-in, low-noise compressor provides compressed air, and the atomizer head is made entirely of stainless steel. Operating components are protected by a hood, making this atomizer highly portable and suitable for acceptance tests.

Constant Output Atomizer

Model 3076

Generated aerosols of stable concentrations over 10^7 particles/cm³ (nominal). Its nominal aerosol flow rate is 3.0 to 3.5 L/min. Stainless steel components make this Collison-type atomizer suitable for biological and medical research, material synthesis, filter testing, instrument calibration, and basic research.