

Laser Photometer

Model 8587A

A compact, reliable photometer for a variety of applications, including customized filter testing.

This photometer features a reliable laser diode that produces constant laser power, so aerosol concentration measurements remain stable over a long period of time. An advanced sheath-air design keeps the optics clean for low background levels and minimal maintenance requirements. The modern electronics allow for exceptionally high dynamic range and low noise. The 8587A uses an internal switching valve to measure two aerosol streams, for example, both the upstream and downstream aerosol concentration in fit test chamber or filter testing applications. A special high-speed "purge" mode shortens the purge time when switching between upstream and downstream measurements. A simple serial command set can be incorporated into a custom computer program to give you complete flexibility in control and data management.

