

Environmental Monitoring

Portable Mercury Vapour Analyser

The RA-915 is a portable spectrometer designed for real time, interference free analysis and monitoring of mercury content. The RA-915 has been designed for emergency situations without requiring specific training to operate. Using proven interference free Zeeman Atomic Absorption technology, it is used for emergency response for mercury spills, industrial hygiene and environmental applications.

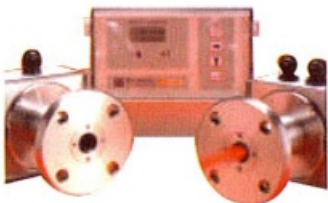


Mercury Analyser Accessories

Optional accessories for the RA-915 include the RP-91 attachment for water solutions analysis using the cold vapour technique. The RP-91C attachment for solid samples converts mercury from a bound state to the atomic state by thermal decomposition. This technique is used for determining mercury in soils, food products, biological samples and crude hydrocarbon products.

Opacity Monitors

The Dynoptic range of Opacity Monitors continuously monitor opacity and obscuration in a moving gas or air stream. Readings are available in Opacity, Transmission, Extinction (linear), Extinction (log) or Ringlemann. Opacity monitors can be used to ensure conformity to environmental legislation, monitor efficiency and provide diagnostic information.



Particulate Monitors

Used to measure the particulate density in a moving column of air, typically inside a stack, Dynoptic monitors use advanced dynamic detection principles to achieve high levels of accuracy combined with low maintenance requirements. The monitors are easy to install and operate, and user settings are password protected to prevent unauthorised access.

Portable Environmental Particulate Monitor

The Haz-Dust EPAM-5000 provides a complete real-time profile and graphical representation of airborne particulate levels and exposures. EPAM-5000 combines both light-scattering and gravimetric techniques to provide a more accurate definition and analysis of the nature of potential health risk from lung damaging particles.



DustTrak Aerosol Monitor

The DustTrak Aerosol Monitor is a portable, battery operated, laser-photometer that measures and records airborne dust concentrations. It is used to measure aerosols in a wide variety of environments and provides reliable exposure assessment by measuring particle concentrations corresponding to PM10, PM2.5, PM1.0 or respirable size fractions.

Isocyanate Monitoring

NextStep Portable Toxic Monitor

The NextStep provides sensitive and selective real-time measurement of a variety of isocyanates and other toxic gases. The gas detected can be easily changed by changing cassettes and selecting the gas on display. In-field calibration is easy with a single colour-based calibration card that ensures consistent performance.



Sure-Spot Dosimeter Badges

Lightweight, direct-reading monitoring badges are designed to be worn by individuals who are potentially at risk from acutely toxic gases such as TDI, Phosphine and Phosgene.