

## Mercury Analysis for Passive Air Samplers

Passive sampling for mercury monitoring of atmospheric or workplace air is of growing interest in recent years. Such devices allow for an inexpensive means to track mercury levels in the air that we breathe over a broad range of time.

The accuracy of the mercury measurement of the substrate of the passive sampling device becomes increasingly important with longer sampling times, as a small error in this measurement can be greatly magnified in the final result.



In addition to the need for a high level of accuracy, the typical substrates used for passive sampler devices can be detrimental to the catalysts used by some direct combustion mercury analyzers. Some laboratories have found that they consume catalyst tubes at an alarming rate, generating large operation costs.

With NIC's catalyst technology, our MA-3000 and MA-3 Solo Direct Mercury Analyzers have been able to overcome these obstacles, reducing costs for our users while providing unmatched measurement accuracy. Contact us today to discuss how we can help with your mercury passive sampler measurements.

