

Surface Sampler for Volatile and Semi-Volatile Organic Compounds

Disclosure Number

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Technology Summary

The Surface Sampler is a device which utilizes a heated porous membrane to volatilize chemicals on a surface and transport them through an inert sample line to an analytical instrument. It uses independently heated and controlled temperature zones to provide maximum flexibility in sampling a variety of commonly encountered surfaces. It is designed to be much easier to repair and to use. It allows for more rapid response of the sampler/mass spectrometer due to greater flow rates through the transfer line. It gives better detection limits due to the immediate response of the sampler to the volatiles.

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