

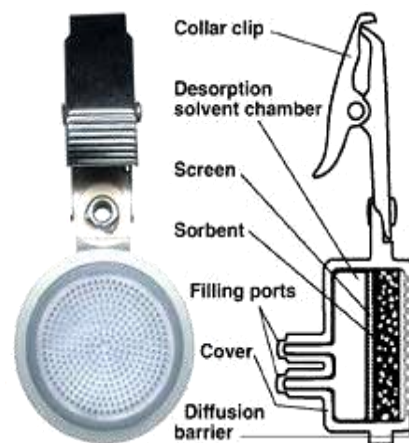
Organic Vapor Sampling with Passive Monitors

Looking for a passive monitor sampling method that requires no special equipment or expert knowledge?

Analytix offers SKC and 3M brand passive monitors for the determination of organic vapors in air. Passive samplers are small "badges" that collect organic vapors without the use of a pump. Individual chemicals simply diffuse from the atmosphere into the sampler at a fixed rate. These scientifically validated passive samplers meet OSHA requirements and are a viable alternative to active sampling.

UMEX monitors should be kept cool (refrigerator or freezer) before and after sampling for best results. A blank (unused) monitor should be submitted with each sample set for use as a control. Blanks are handled and charged the same as samples.

The DNPH-treated sampler is analyzed by High Performance Liquid Chromatography, the most sensitive method currently in routine use. It should be noted that ketones (such as acetone) and other aldehydes can interfere with this method. Any other compounds suspected in the sampling area should be noted on the Chain of Custody (COC) form.



Ship samples by overnight courier in a cooler. Samples collected on Fridays or weekends can ship the following Monday.

Below are suggested times for sampling and the measurement sensitivity for each sampling time.



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	Sampling Times	Passive Media Concentration
SKC UMEX-100 (Passive Monitor)	4 Hours	20 ppb (or 0.02 ppm)
	8 Hours	10 ppb (or 0.010 ppm)
	24 Hours	2 ppb (or 0.002 ppm)

NOTE: These are not the only options for formaldehyde sampling. For more information, please contact us at 800-888-8061.