

TECHNICAL INSERT

Item No	521	TraceAir® Monitor for Organic Vapors	Prepared by	RKK
Edition	9-10-07		Approved by	CRM

The TraceAir® Personal Monitor is designed to measure exposure to chemicals in order to demonstrate workplace compliance with Permissible Exposure Limits (PELs) and Short Term Exposure Limits (STELs) defined by the Occupational Safety and Health Act of 1970 and Title 29 Code of Federal Regulations.

To use, remove Monitor from its hermetically-sealed pouch, remove cover(s) to expose sampler holes, and attach sampler to collar or lapel. When sampling time is complete, remove from collar or lapel and replace cover(s), place into Return Mailer, and send to the Laboratory. Results are documented in a written report.

This **Technical Insert** contains product specific information on use and storage.

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Sampling Medium:	Activated Carbon, 300 mg, PTFE Binder
Analyte(s) Sampled:	Organic Vapors; See <i>AT Labs IH Sampling Guide</i>
Analytical Method:	Modified OSHA 7: Desorption in carbon disulfide with appropriate co-solvent; analysis by GC/FID
Recommended Sampling Time (RST):	15 Min-2Hr (2 covers removed) 2-12 Hr (1 cover removed)
Detection Limit (DL):	Analyte dependent; See <i>AT Labs IH Sampling Guide</i>
Sampling Rate (SR):	Typically 30 - 90 mL/min; See <i>AT Labs IH Sampling Guide</i>
Interfering Substance(s):	Organic vapors in <i>Sampling Guide</i> list do not interfere if GC resolution is adequate.
Effect of Temperature:	Effect on result \leq 5% within 0 - 50 °C (32 - 122 °F).
Effect of Humidity:	Functions as claimed within 10 – 80% RH.
Accuracy (MTE):	Meets or exceeds OSHA requirements for accuracy: Maximum Total Error (MTE) \leq 25% at PEL.
Storage Conditions:	Store at controlled room temperature. Do Not Use after Expiration Date printed on pouch.
Recommended Holding Time (RHT):	Monitors must be received by Lab within two (2) weeks after sampling.
IMPORTANT:	Warranty valid only if Instructions for Use have been followed.
WARNING:	Wash affected area if Sampling Medium is contacted.

For detailed directions, see **Instructions for Use** included in each package of Monitors.

For information about each analyte which can be sampled, request *Sampling Parameters*.

TOLL FREE NUMBER 1-800-833-1258