

Direct Push Analytical Corp.

Membrane Interface Probe

The MIP system is the only commercially available tool capable of logging both chlorinated and non-chlorinated volatile contaminants in the soil. The MIP uses a heater block on the lead rod to volatilize VOCs, which are diffused across a small membrane and carried to the surface on a stream of inert gas. The volatilized contaminants can be passed through a FID, PID, and/or ECD detector for real time data, or trapped on site for speciation with our mobile lab. The MIP system can tell us not only where the contaminant is encountered (and absent) at depth, but also how the concentration of contaminants at this location compares to the concentration at other locations and where the contaminant occurs in relation to the lithology.

Features of the MIP system:

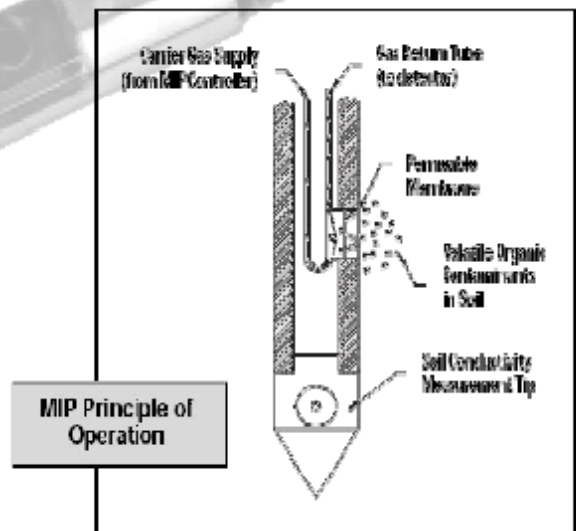
- Operates in saturated or unsaturated materials.
- Detects volatile compounds in gaseous, sorbed, dissolved, or free phases.
- Applicable to both chlorinated and non-chlorinated species
- Provides simultaneous log of soil electrical conductivity



Why use the MIP?

- Determining depths at which to place monitoring wells
- What depth to collect samples from
- Determine the interval for injection of remediation materials
- Tracking contamination plumes in areas where extensive excavation and development has taken place

Call Direct Push Analytical today for more information and to find out if MIP can work for you on your next project!



www.DirectPushOnline.com

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