

Chemical Monitors and Detectors

FOR THREAT DETECTION, ENERGY, AND ENVIRONMENTAL APPLICATIONS



HAPSITE® ER

- World's only truly person-portable Gas Chromatograph/Mass Spectrometer (GC/MS) for analysis of volatile organic compounds (VOC) in air
- Qualitative and quantitative lab-quality results—in the field, in less than 10 minutes
- Designed specifically to transfer quantitative methods from instrument to instrument
- Accessories available for liquids or solids

- CWA analysis
- Emergency response
- TIC/TIM analysis
- Industrial hygiene



Micro GC Fusion®

- Next generation replacement to the 3000 Micro GC
- Rapid analysis, 1 – 3 minutes
- Fast temperature ramping extends application capability
- *FAST Enabled* (Fusion Auto-Sensing Technology) provides accurate analysis of samples over broad concentration range in a single run
- 1,2-channel and 3,4-channel configurations
- Front panel display provides intuitive instrument control, run results, and status display
- Web-based user interface and Wi-Fi allows operation from any web-based computing device
- Optional integrated sampling conditioner extends input sample pressure range and eliminates cold spots
- Multi-stream analysis option with Valco stream selector

- Natural gas analysis, including BTU/Calorific Value reporting
- THT/TBM/S-free odorant, H₂S analysis
- Refinery gas and catalytic reaction monitoring
- Fixed gas, Syngas, fuel cell, fermentation/biogas, landfill gas analysis
- Mud logging analysis
- Mine gas analysis
- Extended natural gas analysis
- Extended refinery gas analysis



3000 Micro GC

- Fast, accurate, reliable gas analysis of fixed gases and light hydrocarbons in a lab, on-line, or remotely at the sampling point
- 3,4-channel and portable configurations
- Analyze samples simultaneously on up to four independent Gas Chromatograph (GC) modules, with each comprised of a MEMS injector, a micro TCD detector, and a high-resolution capillary column
- Built-in rechargeable battery and carrier gas cylinder (portable model) enabling accurate remote analysis

- Natural gas analysis, including BTU/Calorific Value reporting
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- Refinery gas and catalytic reaction monitoring
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- Mud logging analysis
- Mine gas analysis



CMS5000

- Unattended, continuous monitoring of VOCs in air or water
- Stationary instrument with GC technology for separation of analytes and a Micro Argon Ionization Detector (MAID) to measure the response
- Can be integrated into a SCADA system using Ethernet, I/O, or Modbus
- Post treatment effluent monitoring
- Trihalomethane (THM) compliance monitoring
- Granular Activated Carbon (GAC) tank effluent monitoring
- Air quality monitoring
- Process water monitoring



DataFID™

- Intrinsically safe, portable flame ionization detector (FID) for VOC detection in a potentially explosive environment
- 10 hour metal hydride hydrogen fuel cylinder weighing only 105 g
- Bluetooth wireless interface to transmit measurement data to an external computer
- 13 hour battery life
- LDAR and Landfill application specific probes
- Compatible with LeakDAS® Mobile and GuideWare™ monitoring software
- Partnered with Trimble® Navigation SEMonitor geospatial software for landfill monitoring
- US EPA 40 CFR Part 60 Method 21 for leak detection and repair (LDAR)
- Landfill surface methane emissions monitoring



MicroFID™ II

- Intrinsically safe, portable flame ionization detector (FID) for VOC detection in a potentially explosive environment
- 10 hour metal hydride hydrogen fuel cylinder weighing only 105 g
- Bluetooth wireless interface to transmit measurement data to an external computer
- 13 hour battery life
- TVOC detection
- Chemical incident response
- Arson accelerant investigation
- TVOC monitoring for site remediation



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Due to our continuing program of product improvements, specifications are subject to change without notice.

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