

Chemical Monitors and Detectors

FOR SECURITY AND ENERGY 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 minimizes ambient effect
- 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



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