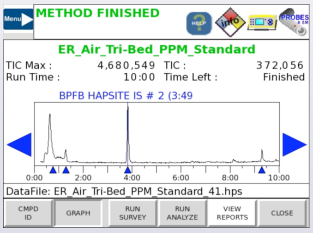
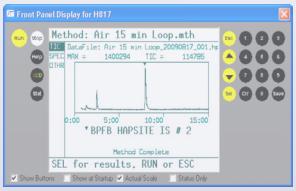
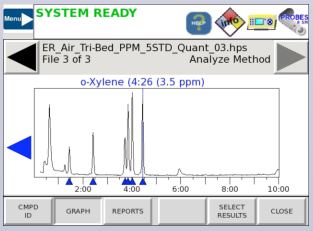
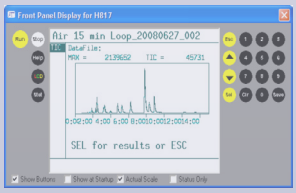
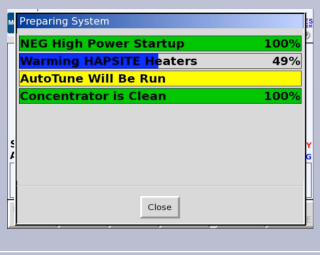
HAPSITE® ER

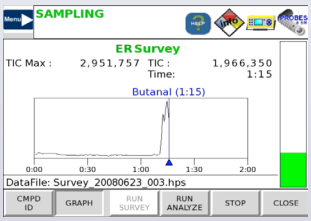
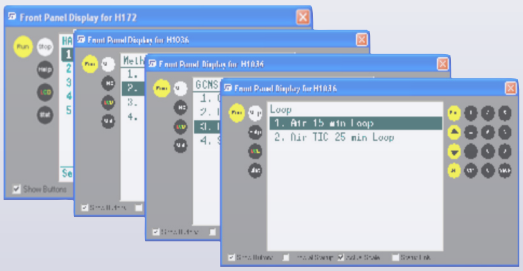
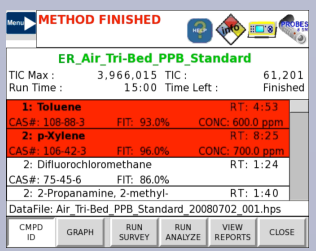
Advantages

REDUCED CONSUMABLE USE, FASTER ANALYSIS, EXPANDED DETECTION RANGE AND NEW FEATURES

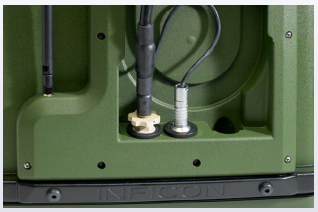
HAPSITE ER		HAPSITE Smart
Reduced Consumables		
HAPSITE ER gains 2.5 times more runs per 5 L nitrogen canister than HAPSITE Smart		One 5 L nitrogen canister lasts approximately 25 to 30 runs for HAPSITE Smart
HAPSITE ER gains 2.5 times more runs per 5 L internal standard canister than HAPSITE Smart		One 5 L internal standard canister lasts approximately 170 to 180 runs for HAPSITE Smart
The average NEG life is 350 hours		The average NEG life is 200 hours

HAPSITE ER	HAPSITE Smart
Faster Analysis	
10 minute run	15 minute run
	
HAPSITE ER has a shorter, 15m column • **Faster chromatography** • **Excellent resolution** • **Sharper peaks reduce compound overlap**	HAPSITE Smart column is 30m
	
Automatically cleans the concentrator upon: • **Startup** • **Saturation** • **Exiting Extended Standby** • **Changing Concentrator**	HAPSITE Smart requires user to manually select concentrator cleanouts
	

Changing between sample loop and concentrator is no longer necessary with new concentrator only methods
• **Concentrator sampling range is expanded to include PPM concentrations as well as PPB**
NOTE: Loop is still available as an option
	• A sample loop is required for HAPSITE Smart to detect PPM concentrations
	• Changing between the sample loop and a concentrator is necessary to accommodate samples in the PPB range. This requires:
	  • A 7/16” wrench
	  • Concentrator or Loop cover
	  • Concentrator or Sample Loop

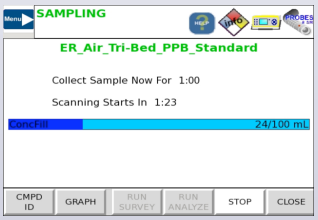
HAPSITE ER	HAPSITE Smart
Faster Analysis (continued)	
Analyze can be initiated with one touch during a Survey run	Exiting to the main menu for method selection is required
	
Expanded Detection Range	
Survey sensitivity is increased to detect concentrations greater than 1 ppm	HAPSITE Smart Survey detects concentrations greater than 10 ppm
Detects select SVOCs with new SPME accessory • **Expanded detection range includes detecting chemicals with a boiling point of up to 300°C** • **Explosives** • **Explosive Taggants** • **Phthalates**	Detects chemicals with a boiling point of up to 250°C • Not compatible with SPME
	
New Features for HAPSITE ER	
	**Hazardous Threats Are Highlighted In Red** • **Highlights CWAs at any concentration in both qualitative and quantitative methods** • **Highlights compounds found in NIOSH when concentrations are near or above the IDLH in quantitative methods**

New Features for HAPSITE ER (continued)



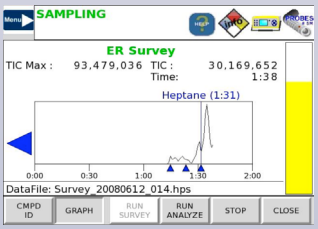
Universal Interface

- Eliminates cold spots through enhanced inlet port
- Compatible with SPME accessory
  - Nitrogen for SPME provided by HAPSITE ER

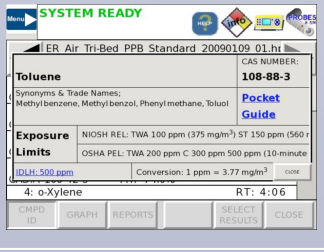


Volume-based sampling

- Improved sampling accuracy using the Dynamic Sample Collector (DSC)
  - Ensures accurate collection of small volumes
  - Repeatability between different instruments is improved

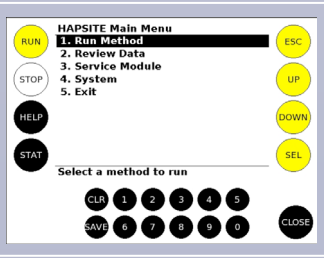


- The Probe Distance Indicator identifies the optimal sampling distance
  - Minimizes the possibility of column saturation
    - Green = Good; optimal sampling position
    - Yellow = Caution; remove probe from sample
    - Red = Warning; saturation imminent



NIOSH Safety Database on Front Panel

- Complete database is available to provide:
  - Exposure limits
  - Safety recommendations
- With one touch, identified compounds directly link to their database entry



- The user has the option of selecting the familiar HAPSITE Smart Interface, thus reducing the learning curve

HAPSITE ER is compatible with existing Headspace Sampling System, SituProbe and Service Module units.

DETECT TO PROTECT™

INFICON Opening The Field To New Ideas®

www.inficon.com reachus@inficon.com