

GERSTEL MPS Labworks Platform

*The only truly universal
sample introduction
system for GC-MS*

GERSTEL
MAKING LABS WORK

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MultiPurpose Sampler

The GERSTEL MPS LabWorks Platform is the only truly universal system for sample introduction for GC-MS. It provides unmatched capability and flexibility in solving your critical challenges.



Seamless Integration

with Agilent
Chemstation
MassHunter



True Trap

Core technology provides discrimination-free trapping of compounds without the need for valves & transfer lines



Space Saver

Small Footprint
All techniques mounted on GC



Non-targeted Analysis

Multiple extraction techniques for true compound enrichment & achieving unsurpassed detection limits

For the researcher trying to solve the most critical challenges, the GERSTEL MPS LabWorks Platform is the best system available.

Over 30 Techniques

Sample Introduction Techniques

- Liquid Injection
- Large Volume Injection
- Cold On-Column Injection
- Automated Liner Exchange
- Headspace Injection
- Multiple Headspace Injections
- SPME
- SPME Arrow
- Thermal Desorption
 - Sorbent packed tubes
 - Direct thermal extraction
 - Multi-desorption mode
 - Twister®
 - TF-SPME
 - Liquid matrices in micro-vials
 - Multiple SPME injection
- Pyrolysis
 - Pulsed, Ramped, and Smart Ramped
- Dynamic Headspace
 - Full Evaporation Dynamic Headspace
 - Multi-Volatiles Method
- Dynamic Headspace Large

Sample Preparation Options

- Dilution
- Standard Addition
- Calibration Curve Preparation
- Bar Code Reading
- Filtration
- Evaporation
- Weighing
- Mixing
- Centrifugation
- Multiple SPE Options
- Sonication
- Cooled Trays and Stacks
- Custom Trays and Wash Stations

Additional Modules for Advanced Problem-Solving

- Olfactory Detection Port
- Preparative Fraction Collector
- Cryo Trap System
- Selectable 1D/2D GC for Heartcutting

