



Agilent 5977C GC/MSD
Fully Automated Conditioning

ON-LINE CONDITIONING STATION

OCS

Maximum efficiency for your Thermal Desorption

Automated Conditioning for reliable Thermal Desorption Workflows

GERSTEL On-Line Conditioning Station (OCS) is a fully automated solution for conditioning and reconditioning TD tubes, AutoTwister rods, Twisters and related sampling devices – either on-line within an analytical workflow or off-line as a standalone preparation station.

Using controlled heating and inert gas flow, OCS delivers clean, reproducible conditioning without manual handling or exposure to ambient air. The system also supports conditioning of Thin Film -Solid Phase Microextractions (TF-SPME) devices, extending the capabilities of modern sorptive extraction workflows.

Why automated conditioning?

Manual or off-line conditioning is time-consuming, error-prone, and often blocks analytical systems.

OCS eliminates these limitations:

- No manual handling or air exposure
- No need to occupy a TDU for conditioning
- Conditioning immediately after use
- Reduced turnaround time and operator effort
- Consistent and reproducible conditioning results



What makes OCS special?

- Conditions tubes as they are used
- Programmable heating with controlled inert gas flow
- Rapid cooling after conditioning - no tube is removed hot
- Compatible with AutoTwister, TD 3.5+ and TDU2 formats
- Supports standard 3.5" TD tubes – vendor-independent
- Compatible with TF-SPME devices
- Fully automated workflows with minimal Parameters
- On-line or off-line operation



Result: Reproducible conditioning, improved precision and lower detection limits – without upgrading analytical hardware.



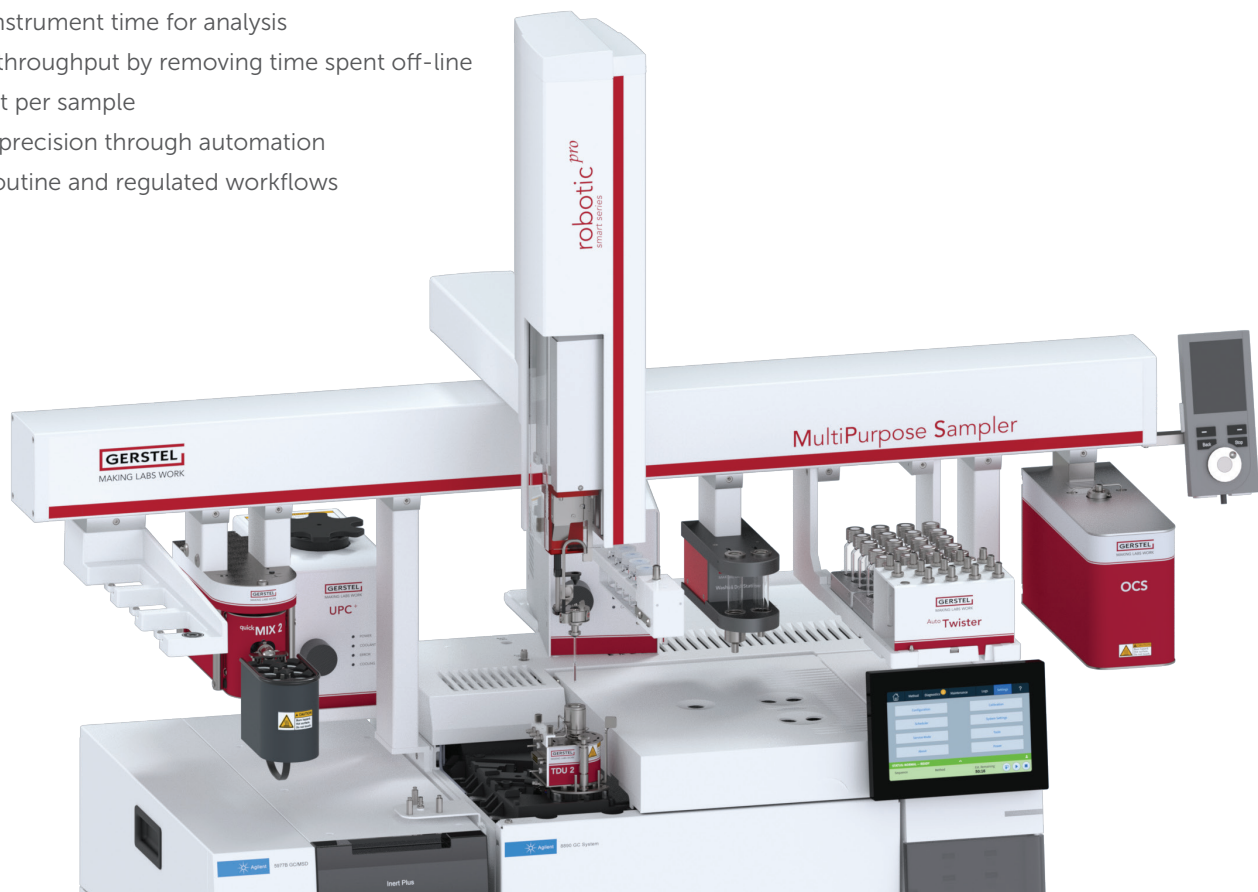
Typical applications

- Environmental air monitoring
- Emission and migration studies
- Odor and off-flavor analysis
- Polymer and packaging analysis
- TD workflows with “dirty” or high-load samples

OCS transforms conditioning from a manual bottleneck into a fully automated, reproducible process – improving both data quality and laboratory efficiency.

Your benefits in everyday laboratory work

- Frees up instrument time for analysis
- Increases throughput by removing time spent off-line
- Lower cost per sample
- Improved precision through automation
- Ideal for routine and regulated workflows



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Velaris reserves the right to change the specifications and the appearance of the equipment without further notification.

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