Multiple Injection Techniques for Maximum Flexibility

Agilent PAL3 Series II autosampler systems

Increase your lab productivity by enhancing your injection capabilities

Every day, you perform several types of sample injection and manipulation. And now, the PAL3 Series II brings you flexible, high-capacity, and traceable options for sample preparation and injection into Agilent gas chromatographs.

The PAL3 Series II offers multiple sample injection techniques, including liquid injection, static and dynamic headspace, and solid phase microextraction. Smart chip technology inspires confidence by tracking syringe or SPME specification and use history through Agilent OpenLab and MassHunter software.

Take a closer look: **www.agilent.com/chem/pal3**

Integration with Agilent software lets you reduce downtime by planning preventive maintenance

Smart chip technology connects OpenLab and MassHunter software with details of the consumables in use:

- Specification and lot number
- First- and last-use dates
- Time spent within or above multiple headspace temperature ranges
- SPME phase details, maximum/minimum conditioning temperatures, and conditioning duration times
- Plunger counts

These and other details are reported to the Agilent data system used by your GC or GC/MS—with no need for added software or handheld controls.

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Options for Optimizing Your Vial Capacity

PAL3 Series II autosamplers are available in 85 and 120 cm lengths and accommodate multiple vial and sample plate options.

Model	Description
LSI 85	– Liquid sampling on an 85 cm long sampler rail
RSI 120	– Liquid and optional headspace sampling – 120 cm length to increase vial capacity – Room for further sample preparation options
RSI 85	– Liquid and optional headspace sampling – Space-saving 85 cm long sampler – The same sample preparation abilities as the RSI 120
RTC 120	– 120 cm long – Liquid and optional headspace sampling – Robotic Tool Change (RTC) capability automatically changes between tools for liquid, static/dynamic headspace, SPME Arrow, or SPME fibers

All models have liquid sampling capabilities, with added options for sampling and sample preparation:

- Static and dynamic headspace for standard or concentrated headspace sampling
- SPME Arrows and SPME fibers for solid phase microextraction
- Barcode readers for sample and data integrity
- Vortex mixers, solvent modules, and agitators for sample preparation flexibility
- Multiple configurations for 2, 10, or 20 mL vials

Take your autosampler to a new level of control, automation, and flexibility. Visit **www.agilent.com/chem/pal3**

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