

HTA Autosamplers

GC and GC-MS automation

since 1991

AGILENT



SCION-VARIAN



SHIMADZU

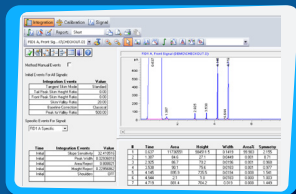


THERMO



PERKINELMER

HOW HTA AUTOSAMPLERS WORK WITH YOUR GC AND GC-MS?



1 Do as before:
Start the sample list
from your favorite
Chromatography
Data System



2 Load the sample
vials on
autosampler rack



3 Press **START** on
autosampler
touch screen or
keypad



4 Sit & relax!

Experience a seamless integration with your Chromatography Data System: Agilent OpenLAB, ChemStation, Shimadzu LabSolutions, Thermo Chromeleon, PE SimplicityChrom, Scion Compass or whatever you are currently using.

Once the analysis starts, GC and autosampler will exchange appropriate communication signals (GC-Ready and Sample Instant), so that they will process the whole sequence of samples without any intervention by the operator.

UNIVERSAL AUTOSAMPLER

60+ GC models supported. For almost every GC and GC-MS – major or niche brand - we have a dedicated mounting kit that allows to achieve the highest compatibility and top performances.

We offer a **future proof investment**: regardless which GC you buy next, you should expect to re-use your HTA autosampler just by sourcing a new mounting kit. HTA autosamplers are **self-contained**, independent from GC firmware or hardware release, independent from the CDS version; seamless **they also provide support for discontinued GC models**, not further supported by the original GC manufacturer.

In most of the configurations **1 turret serves up to 2 injectors** and the rotating tower leaves the injection port free for manual injection or maintenance.

QUICK-FIX MOUNTING KIT

Our **quick-fix mounting kit** technology allows for **autosampler easy relocation** across the lab: no service engineer or tool required. It allows you to answer any workload peak you may experience, as any downtime of competitor autosamplers; quickly move HTA autosampler **from one GC to another one's**, run the automatic alignment procedure: you will be enabled to re-start analysis **in less than 5 minutes**.

All our GC autosamplers - automatic liquid sampler, headspace and all-in-ones autosampler - **share the same mounting kit** to allow interchange between the lab. They are low weight, compact and features a **bench space saving design**: that **makes GC maintenance very convenient**. Furthermore they provide fast access for column swap or inspection for GC-with-revolving-top-cover such as Agilent 6850.

THE WIDEST PRODUCT RANGE IN THE MARKET

We have the autosampler tailored to fit your needs. **HTA's GC autosampler offering is the widest and the most complete in the market.** Our specialists will not oversell you: they will recommend the model that better fits your needs.

HTA GC autosamplers benefit from **a unique portfolio of patented, proprietary and licensed technologies** that have been put together by our R&D team to make your user experience amazing. Among others: SyringeID, vial leakage check, simultaneous injection, prep ahead, heuristic system integrity procedure.

HTA autosamplers have been used for publications on many academic journals:

Blood • Bioresource Technology • Analytica Chimica Acta • Journal of Chromatography A • Journal of Translational Medicine • Sensors and Actuators B: Chemical • Ecological Applications • Applied Microbiology and Biotechnology (Appl Microbiol Biotechnol) • Chemosphere • Ecological Engineering • Journal of Agricultural and Food Chemistry (J Agr Food Chem) • Prostaglandins & Other Lipid Mediators • Rapid Communications in Mass Spectrometry • ChemMedChem (CHEMMEDCHEM) • Postharvest Biology and Technology • Journal of Bioscience and Bioengineering • IEEE Sensors Journal • Journal of Food Science • Small Ruminant Research • Pakistan Journal of Pharmaceutical Sciences (PJPS) • Packaging Technology and Science • Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBBP) • Wetlands • Food Science and Technology Research • Analytical Sciences • Smart Sensors, Measurement and Instrumentation • International Journal of Postharvest Technology and Innovation • The Open Food Science Journal • Ecology Letters • Lipids 39 • Nutrients

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Subject to modify without notice - Flyer_GC Autosamplers_(EN-V07)



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