

HTA Autosamplers

GC and GC-MS automation

since 1991

AGILENT



BRUKER-VARIAN



SHIMADZU



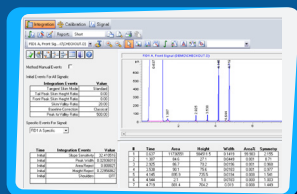
THERMO



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, EzChrom, Shimadzu GCsolution, Thermo Chromeleon, PE TotalChrom, Varian Galaxie 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

50+ 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 configuration **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 GAMMA 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 has 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 (RJPBPCS) • 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

All trademarks are property of their respective owners.

Subject to modify without notice - Flyer_GC Autosamplers_(EN-V02)



HTA s.r.l.

via del mella, 77-79 - 25131 Brescia - ITALY
T: +39 030 3582920 - F: +39 030 3582930
www.hta-it.com | info@hta-it.com



Distributed by: