

AUTO LIQUID SAMPLERS

HT3000A has been engineered for maximum performance and reliability. The new system takes advantage of today's latest technology to deliver even greater reliability, performance and flexibility.

HT3000A is the most compact auto sampler on the market (near-to-zero requirement for bench space) while offering top-class sample capacity. The sample rack can be removed for sample loading or preparation, or to be stored elsewhere.

HT3000A is available in the standard version with 121 positions for 2ml vials; in the top version HT3200A with 209 positions; in the entry-level version HT3100A with a 15 position fixed rack. Sampling. It can be easily installed on all the GC and GC/MS systems available on the market through its flexibility and modular configuration. It can be configured serving up to two injectors in the most of the supported GC. The self-aligning "plug and play" HT3000A mounts in seconds without tools. It can be easily moved between GC when workloads change (easy positioning & easy removal/repositioning).

Features:

50+ GC models supported

1 turret serves 2 injectors

Extraordinary performance

Requires low maintenance

Easy to use: Just load your samples and run the analysis with no extra downtime. New run-all-samples mode makes the operation of sample processing even more simple and transparent.

HTA is the first to offer GC liquid auto sampler with a large, full color touch screen interface, providing easier system accessibility and usability. Touch screen eliminates drill down, simplifying instrument control for novices and experienced users.

HT3000A is the fastest liquid auto sampler available on the market: injection is performed in less than 100ms. Fast-injection technology ensures the best possible peak shape, while maximizing the accuracy of your results.

The greatest solvent capacity means longer unattended operations. The auto sampler supports the use of 6 solvent vials of 10ml each (total capacity: 60ml).

Furthermore you can take advantage from the double wash step capability: as pre and post-wash solvent in addition to A, B... F solvents you can also choose for a combination of A+B, A+C.... F+E solvents for superior analytical performance (carryover adverse!).

HT3000A handles the most sophisticated sampling techniques. Parameters are easily programmable to optimize both the most convenient sampling method for extremely volatile or viscous samples and the best injection technique. Variable needle depths allow you to sample anywhere within the vial, thus performing an extraction directly from the vial.

From small-volume injection, to large-volume injection, to multiphase sampling, HT3000A can help you process samples more quickly and get better data too. It can mount different types of syringes with volume from 0.5 to 100ml.

HT3000A offers syringe illumination to keep always the sample under control, for easy check against air bubbles in method validation.

The rotating tower leaves the injector port free for manual injection or maintenance. Besides avoiding any complicated sample vial transfer procedure, this approach keeps the samples away from any heated source. In fact sample rack is mounted away from GC oven to prevent exposure to high temperatures that could cause degradation or condensation in the sample vial.

HT3000A can be also controlled by a PC using the HTA Auto sampler.