

HT200H

Headspace Autosampler compatible with most GC's

A new, economical and flexible headspace autosampler designed to work on your GC system!

The HT200H is a compact headspace autosampler which mounts directly on most Gas Chromatography systems rather than taking up valuable bench space next to the GC.

The static headspace design utilizes a heated syringe to transfer the samples from the oven directly into the injector.

This means that there are no transfer lines, sample carry-over is virtually eliminated, and the GC injector is always free and available for manual injections at any time.

The compact design allows the 40 position sample tray to be mounted on the left or right side depending on the GC.

Brackets are available for mounting on all the current popular GC brands including all Agilent, Shimadzu and Varian GC's as well as older models such as the HP5890. In fact there are very few GC's that the HT200H cannot be mounted on!



↪ Compatible with most GC systems

↪ No transfer lines virtually eliminate sample cross-over

↪ Rotating head design leaves injection port free for manual injections

↪ No bench space required

↪ Outstanding Performance - equivalent or better than your existing autosampler

↪ 6 Position orbital shaker/oven

↪ Progressive sample transfer means samples always ready

↪ Very low maintenance

Great performance and economical price - a perfect combination!

The HT200H eliminates tubing, dead volume and sample absorption. The injection tower transports vials to the 6 position incubator for orbital agitation at the programmed temperature.

Vial transport is positive and incredibly reliable - the system constantly checks that vials are present and are located in the correct place. No magnetic or special caps are required.

Progressive sample preparation means that samples are automatically loaded into the oven at the correct time to ensure an injection is ready as soon as the previous run is complete - this maximizes GC efficiency.



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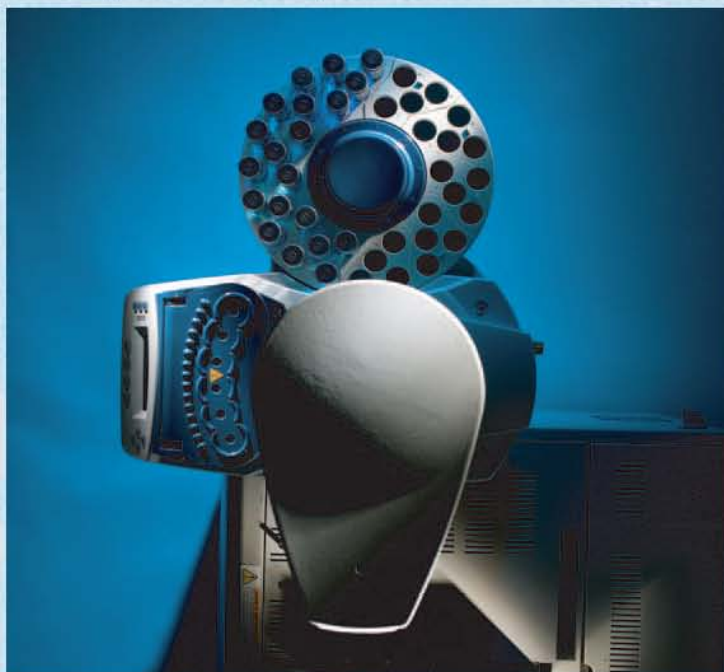
Every aspect of the autosampler may be controlled to optimize performance for your specific samples.

The temperature of the 2.5ml or 5ml injection syringes is programmable along with the Nitrogen flush post injection to eliminate sample carry-over



The HT200H may be easily programmed through the front panel display or by Windows software. Simple contact closures co-ordinate injections with the GC data system

The autosampler utilizes a simple robotic head design which means that the injector port is always free - a big advantage if a manual injection is ever needed.



Specifications:

| | |
|---------------------------|------------------------|
| Syringe sizes: | 2.5ml, 5ml |
| Tray Capacity | 40 vials, 20ml or 10ml |
| Incubation System | 6 Position Oven |
| Kind of Shaking | Orbital |
| Oven Temperature | 40 - 150°C |
| Incubation Time | 0 to 23hr 59min |
| Shaking Cycles on/off | 0 to 99min |
| Syringe Temperature | 40 to 170°C |
| Inj. Equilibrium Delay | up to 60 sec |
| Sampling Volume | Steps of 0.01ml |
| Filling Speed | 0.1 to 100ml/min |
| Sampling Repeats | up to 15 |
| Wait Time Between Samples | 1 to 99sec |
| Injection Speed | 0.1 to 100ml/min |
| Waiting Time pre/post inj | 1 to 99sec |

Bracketing available for Agilent, Shimadzu, Varian, Perkin Elmer, Thermo, Dani and all other major GC systems.

Who Is Hta?

Hta is a major European autosampler and instrument manufacturer.

Now more than 15 years old, Hta manufactures robotics and industrial automation systems for some of the biggest names in the industry.

Hta GC and headspace autosamplers are widely sold by GC companies around the world.

www.hta-it.com

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