

# 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.



## Vial transport is positive and reliable, no magnetic or special caps are required

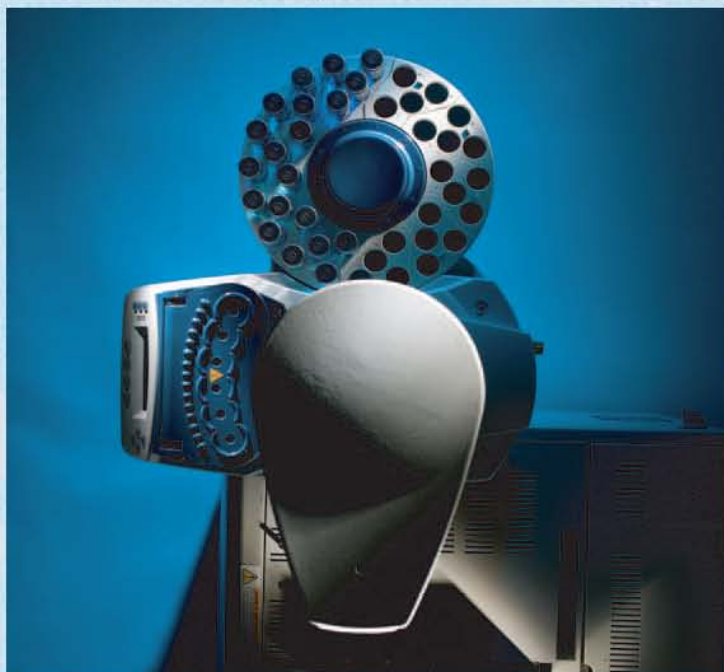
Every aspect of the autosampler may be controlled to optimize performance for your specific samples.

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](http://www.hta-it.com)

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