

HT200H Headspace Auto sampler

Works with your current GC!

The HT200H is a headspace autosampler made to meet the needs of static Headspace injection for GC analysis. It operates with all major GC systems including **Agilent, Shimadzu, Varian** and many more. The elegant swivel head design mimics the actions of manual injection and removes the need for transfer lines. Mounting directly on your GC, The HT200H does not use any bench space. It is also one of the most economical headspace samplers around.



The HT200H is easily installed on all major GCs. The tray can be mounted on either side.

Easy Setup:

The instrument is controlled by a user friendly keypad (placed on the base), or by a PC using the [HT-COMSoft Software](#). Installation is simple and the results exceptional.

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. The heated syringe then samples the headspace and injects directly into the GC.

After injection, the 2.5 or 5ml syringe is purged with inert gas. The swivel head design allows the injection port to be used for manual injections at any time.

For maximum productivity, the HT200H processes samples so that injections start immediately after the previous run is completed.

Key Features:

- No transfer lines means no sample crossover
- Rotating head design leaves injection port free for manual injection
- Progressive sample transfer means samples always ready when previous run completed
- May be configured for left or right operation
- Variable fill speed allows for wide range of sample viscosities
- Variable dwell time for temperature equilibration with column

Specifications		
Shaking Method:	Orbital	
Incubation Oven:	6 position	
Syringe Sizes:	2.5, 5ml	
Tray Capacity:	40 Vials, 10 or 20ml	
Cleaning System:	Nitrogen flush	
GC Compatibility: <i>If your GC is not listed it may still be compatible. Please contact us for details.</i>	Agilent/HP 4890 Agilent/HP 5890 Agilent/HP 6850A Agilent/HP 6890,Agilent/HP 7890A Carlo Erba 5300 Mega Carlo Erba 8000, Carlo Erba 8000 Top,Carlo Erba 8500Mega2,Chemito 1000,Chrompack CP9001,2 Dani 8610,8500,Dani Master GC,Donam DS6200,DPS Instruments Fuli Instruments,Gow Mac*,Kristallux 4000M	Meta Chrom* Perichrom Perkin Elmer XL Shimadzu GC-14A/B/C Shimadzu GC-17A Shimadzu GC-2010 Shimadzu GC-2014 Shimadzu QP-2010 SRI 8610* Techcomp Trace SX,Varian 3300/3400 Varian 3800,Varian 3900 Younglin* * Only if specified when ordering the GC

Data System Compatibility: EZChrom Elite and DataApex Clarity

Conditioning

Oven Temperature: 40 - 150°C
Time: 0 - 23h 59m
Progressive Increase: 0 - 9h 59m
Shaker Speed: 320 - 720rpm
Shaking Cycles On/Off: 0 - 9.9mins

Sampling

Syringe Temperature: 40 - 150°C
Pre-fill Volume: Steps of 0.01ml
Pull Up Strokes: Up to 15 Strokes
Equilibrium Delay: Up to 60secs
Sampling Volume: Steps of 0.01ml
Filling Speed: 0.1 - 100ml/min

Injection

Sampling Repeats: Up to 15
Waiting Time between Samples: 0 - 99mins
Injection Speed: 0.1 - 100ml/min
Waiting Time (before and after injection): 0 - 99secs

Physical Characteristics: Dimensions (W x H x D):, Wight: 420 x 620 x 400mm, 11.5kg



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