

HT 200H



Headspace Autosampler



Works with your current GC!

The HT200H is an autosampler made to meet the needs of static Headspace injection for GC analysis. The elegant swivel head design mimics the actions of manual injection and removes the need for transfer lines.

HT200H



The Workstation may be controlled by a user friendly keypad or by a PC. It can be easily installed on all major GCs.

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

Can process samples for two injection ports to maximise efficiency

Manufactured in the EU by hta

Distributed By:

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 1, 2.5 or 5ml syringe is purged with inert gas. Two injection ports may be used and both are available for manual injections at any time.

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



Specifications

Kind of shaking	Orbital
Incubation oven	6 position
Syringe sizes	1ml, 2.5ml, 5ml
Tray capacity	40 Vials Max, 10ml or 20ml
Cleaning system	Nitrogen

Conditioning

Oven temperature	40 to 150°C
Time	0 to 23h 59m
Progressive Increase	0 to 23h 59m
Shaking cycles on/off	0 to 99m

Sampling

Syringe temperature	40 to 170°C
Pre-fill volume	steps of 0.01 ml
Pull up strokes	up to 15 strokes
Equilibrium delay	up to 60 sec
Sampling volume	steps of 0.01 ml
Filling speed	0.1 to 100ml/min

Injection

Sampling repeats	up to 15
Waiting time between samples	1 to 99 sec
Injection speed	0.1 to 100ml/min
Waiting time pre/post injection	1 to 99 sec

Dimensions

L 420mm, H 520mm, D 400mm, Wt 11.5Kg