

# HT 300A



GC Autosampler

## Works with your current GC!

The HT300A is an autosampler made to meet the liquid injection needs of your GC analysis. The elegant swivel head design mimics the actions of manual injection and removes the need for transfer lines.

# HT300A



The HT300A may be controlled by a user friendly keypad or by a PC. It can be easily installed on all major GC's with the tray mounted on either side.

## Key Features

- No transfer lines means no sample crossover
- Syringe may be washed with solvent or sample
- Injections may be made on two columns (high throughput and confirmation mode)
- Rotating head design leaves injection port free for manual injection
- Internal standard sampling
- Memory stores 10 different methods
- Variable fill speed allows for wide range of sample viscosities
- Sampling system eliminates air bubbles
- Programmable sampling and injection speed

Manufactured in the EU by hta

## Distributed By:

HT300A is available with a 10 position fixed tray (Pocket) or with a 110 position rotating tray for 2ml or 2.5ml vials (Daisy Wheel). Syringes of 1 to 100ul may be used with the option of a special large injection version of up to 1000ul per sample.

The automatic injection sequence may have up to 15 steps which can be programmed to include:

- First sample of group
- Last sample of group
- Analytical method
- Number of injections for each sample
- Pre- and Post washing solvent position
- Internal Standard position (if used)



## Specifications

Syringe Sizes	1, 10, 25, 50, 100ul 1000ul (large vol version)
Tray Capacity	110 Vials 2ml or 2.5ml

## Sampling

Sample Volume	Steps of 0.1ul
Air Volume	Steps of 0.1ul
Aspirating Speed	0.1ul - 100ul/sec
Needle Washing	Up to 15
Air Bubble Removal	Up to 15 strokes
Viscosity Time	1 - 60 secs

## Injection

Injection Speed	0.1 to 100ul/sec
Waiting Time before & after Inject	1 to 60 sec
Injection Depth	Variable

## Internal Standard Technique

IS Volume	Steps of 0.1ul
Air Gap Volume	Steps of 0.1ul
Mode	1 or 2 air gaps

## Control

Electrical Control	RS232 and TTL
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## Dimensions

L 420mm, H 520mm, D 400mm, Wt 9.0Kg
L 270mm, H 520mm, D 400mm, Wt 8.0Kg (Pocket)