

# HT300L

## THE HPLC AUTOSAMPLER THAT WORKS WITH ANY HPLC SYSTEM!



### HT300L Specifications

#### Analytical parameters

The HT300L can store up to 10 different analytical methods. Any vial may be run using any method, or multiple samples can be programmed using a sequence.

#### Each method includes

Sample Volume:	Steps of 0.1 $\mu$ l
Fill Speed:	1 - 100 $\mu$ l/sec
Bubble Elimination:	Up to 15 pull up strokes
Viscosity Delay:	0 - 15 secs
Injection Speed:	1 - 100 $\mu$ l
Int. STD Volume:	Steps of 0.1 $\mu$ l
DRV Volume:	Steps of 0.1 $\mu$ l
DRV Time:	0 - 25 mins
DRV Function:	Up to 15 repetitions
Needle Wash:	With Solvent/Sample
Loop Wash:	With Solvent/Sample
Wash Mode:	Every Injection/Sample/Step

#### Physical Characteristics

Dimensions (W x H x D):	600 x 520 x 400mm 470 x 520 x 400mm (Pocket)
Mass:	13kg (110 Position)/12kg (Pocket)

The HPLC autosampler HT300L is an automatic sampler designed to operate with virtually any HPLC system.

The HPLC Autosampler incorporates an elegant swivel head that allows a manual injection and a special Rheodyne injection valve to give accurate full or partial loop fill injections.

Using an HPLC Syringe, the system mimics manual injections and eliminates the need for transfer lines — reducing the risk of sample carry-over.

The communication port of the sampler has a variety of input and output signals to ensure that it can interface with your system.

A large volume version for semi-prep HPLC applications or Flash Chromatography applications is also available.

The HT300L has a Rheodyne valve with variable loop sizes depending on the application. The valve is automatically controlled and powered by the autosampler.

The tray of the autosampler may be configured in the right or left position, with either a 10-position fixed tray (HT300L-10) or with a 110-position movable tray (HT300L) for vials of 2 and 2.5 ml.

It uses syringes with volume from 10 to 100 $\mu$ l. There is also a special large volume version (HT300LV) designed for use with syringes up to 10ml — ideal for semi prep HPLC or small volume flash chromatography applications.

### Key Features



- Direct syringe injection minimises dead volume and allows partial loop fills
- Rotating head design leaves injection port free for manual injection
- May be configured for left or right operation
- Variable fill speed allows for wide range of sample viscosities
- Optional syringe volumes optimised for specific applications
- Comprehensive and easy control via keypad or PC

### Your Local Dealer:

### HTA, the company

HTA is a major European autosampler and instrument manufacturer, based in Brescia, Italy. HTA design and manufacture scientific instruments and laboratory automation.

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