



# HT400E

*THE FLEXIBLE AUTOMATED  
SPE PREPARATION  
STATION WITH INTEGRAL  
HPLC INJECTION*

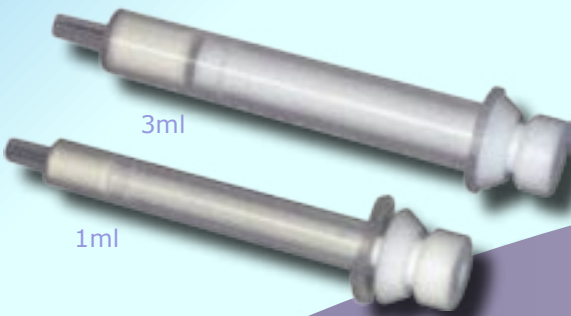




The HT400E is an instrument for reliably and accurately performing Solid Phase Extraction as well as HPLC injection. This allows you to increase your work flow and removes the need for many repetitive tasks.

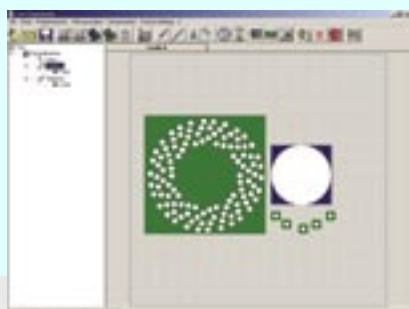
The HT400E can use up to 11 different solvents (5 as standard) to activate cartridges and wash and elute samples in up to 4 different fractions. It has separate valves for syringe washing and can also add reagents to the eluent before injection. The HT400E's injection valve can be used with different loop sizes to suit your application.

The HT400E can use standard 1ml, 3ml or 6ml **SPE cartridges** and can process up to 20 separate samples sequentially. Each sample can have a multiple step methodology giving you the flexibility required for complex processes.



The **sample tray** simply lifts on and off its holder so samples can be conveniently loaded away from the unit.





### Software interface

The software supplied uses a powerful drag and drop interface to allow the unit to perform many different tasks. These include sample loading, washing, drying, flushing, elution and derivatisation as well as full loop or variable loop injection.

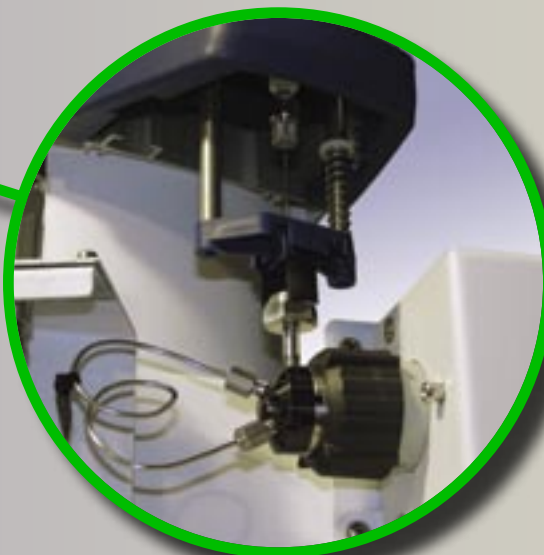
The software has three types of user account:

- **The Administrator** has complete control over the system, methods and user accounts.
- **The Method Maker** can write methods.
- **The Operators** are limited to using the installed methods.

This gives data security and prevents accidental loss of methods.



The standard systems for common applications normally have 5 **reagent lines** in addition to a wash and a waste line. The number of reagent lines can be increased further to suit your application.



The integral **HPLC valve** may be used with different loop sizes and connected directly to any HPLC system. Start and stop coordination is controlled via the standard set of contact closures supplied with the system.



### Key Features

- Accurate and reliable preparation of up to 20 samples
- Multiple step methodology
- Up to 16 (standard is 5) different reagents can be used
- Integral HPLC valve can be interfaced to most HPLC systems
- Software has three levels of control
- Works with standard 1ml, 3ml and 6ml SPE cartridges
- Detachable sample tray
- Optional temperature control
- Some methods preloaded



The rotating turret design allows easy interchange of syringes, as well as easy access to wash, waste and reagent lines.

Even very complex methods can be automated, with samples extracted, treated further and then re-injected onto another SPE cartridge for further operations. The multiple position capability of the HT400E makes it incredibly flexible and yet very compact with minimum bench space requirements.

## HT400E Specifications

### HPLC

Sample Volume:	Fixed Loop
Syringe Size:	1ml, 2.5ml, 10ml
DRV Time:	User Defined
DRV Function:	Choice of Reagents
Needle Wash:	With Solvent/Sample
Loop Wash:	With Solvent/Sample

### Physical Characteristics

Dimensions (W x H x D):	510 x 735 x 400mm
Weight:	15.0kg
Power Supply:	110V/220V - 50Hz/60Hz

### SPE

Cartridge Volumes:	1ml, 3ml, 6ml 10ml, 15ml (Special Version)
Tray Capacity:	20 Tubes (Standard)
Tray Temperature:	Peltier System. Up to -15°C under room temperature (max up to -5°C)
Solvent Lines:	Up to 11

### Your Local Dealer:

### About HTA

HTA is a major European autosampler and robotics 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.

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

