

# ACS

# 300 Series Fast GC

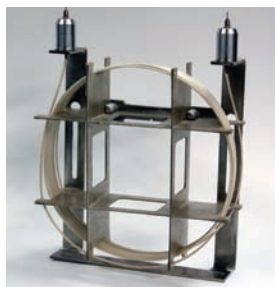
# CSI



The 300 series is an all new design of gas chromatograph from ACS/CSI. Rather than heating the column in a oven as in a conventional gas chromatograph, in the 300 series the column itself is directly heated. This allows for much more rapid heating and cool down, which in turn allows for much faster chromatography. In addition to the obvious advantages of speed, because the 300 series do not require a large oven and additional heaters the instrument its self can be much more compact than a regular gas chromatograph. A 300 series has dimensions of just 320 x 370 x 340mm.

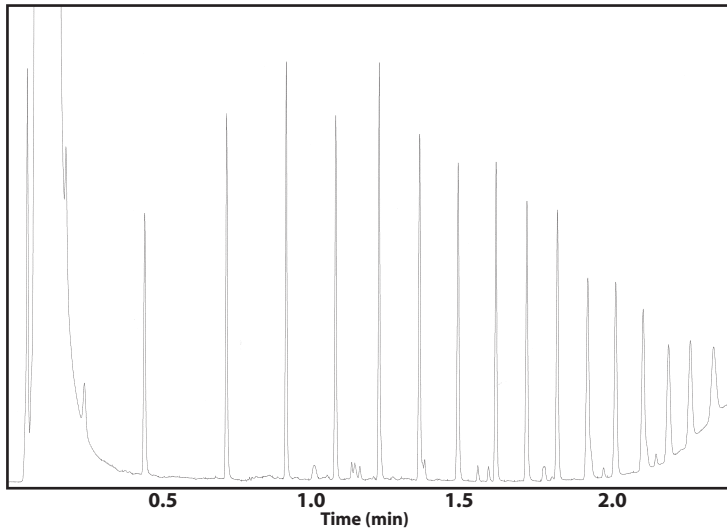
## 300 series fast GC features

- **Directly Heated Column**
- **Really Fast Chromatography**
- **Rapid Cool Down**
- **Automatic Column Installation**
- **Split / Splitless Injector**
- **USB Connectivity**
- **Compact Design**
- **Near Silent Running**

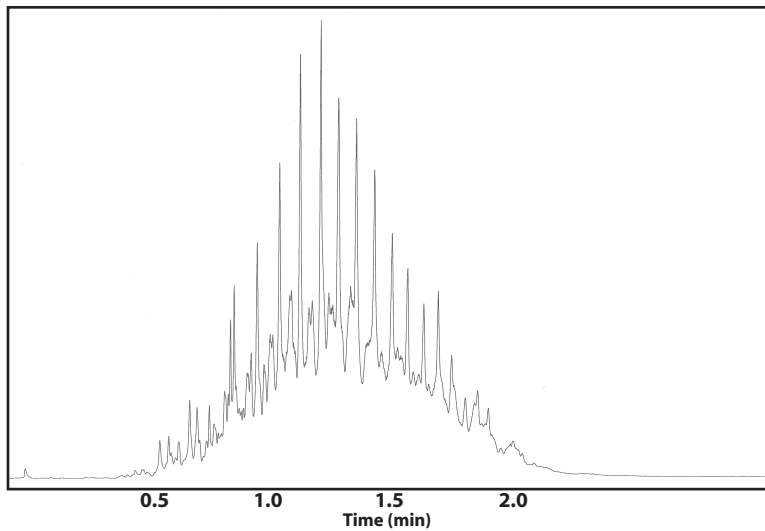


Another of the exciting new features is the automatic column installation. The user simply has to place the column into the holder, close the door, tell the GC to install the column. The 300 series will then take care of the rest, inserting the column into the injector and detector and checking that the ferrules are correct and sealing and that there are no leaks.

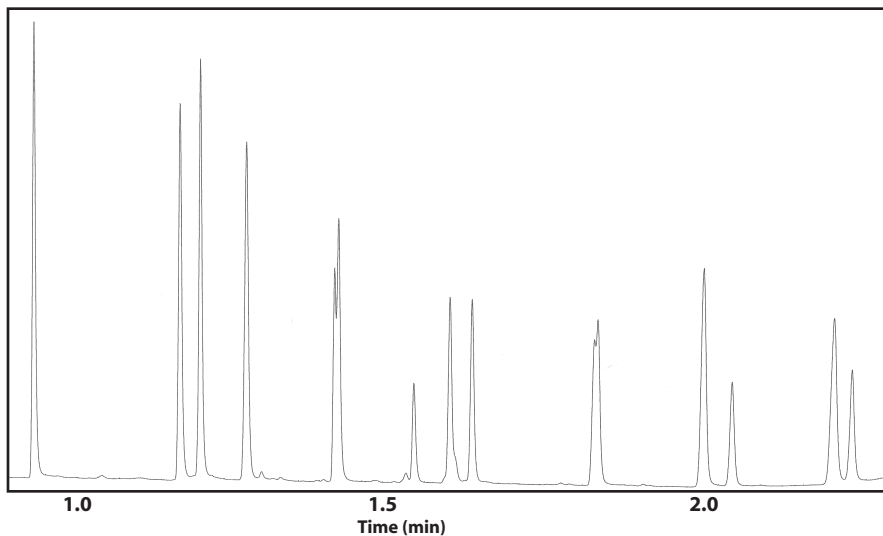
# Sample Chromatograms



**C8-C40 with a 3 minute cycle time**



**Diesel at 1000ppm**



**Fast PAH screening**

Advanced Chromatography Systems  
3547 Meeks Farm Road  
Suite A-1  
Charleston, SC  
29455  
USA  
Tel: 843 559 4889  
Fax: 843 746 4545  
Email: [info@advancedlcgcs.com](mailto:info@advancedlcgcs.com)  
Website: <http://www.advancedlcgcs.com>



Cambridge Scientific Instruments  
12-15 Sedgeway Business Park  
Witchford  
Cambridgeshire  
CB6 2HY  
UK  
Tel: +44 (0)1353 669916  
Fax: +44 (0)1353 669917  
Email: [info@camsci.co.uk](mailto:info@camsci.co.uk)  
Website: <http://www.camsci.co.uk>