

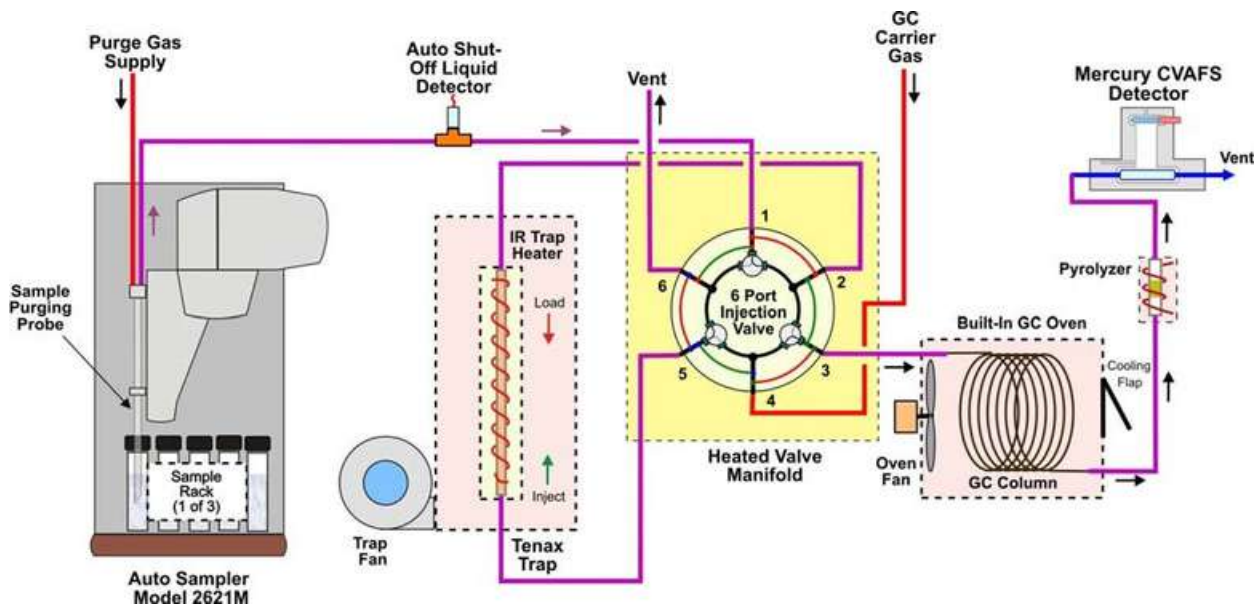
Tekran 2700 Methyl Mercury Analysis System

Tekran Instrument Corporation introduces the new Tekran 2700 Methyl Mercury Auto Analysis System.

The 2700 has been designed to give analytical laboratories and researchers an alternative to the time consuming and complex manual method (EPA 1630). The Tekran 2700 accomplishes this in a fully integrated, self contained compact unit (MDL=0.002 ng/L), operated via state of the art software.



TEKRAN 2700 FLOW DIAGRAM

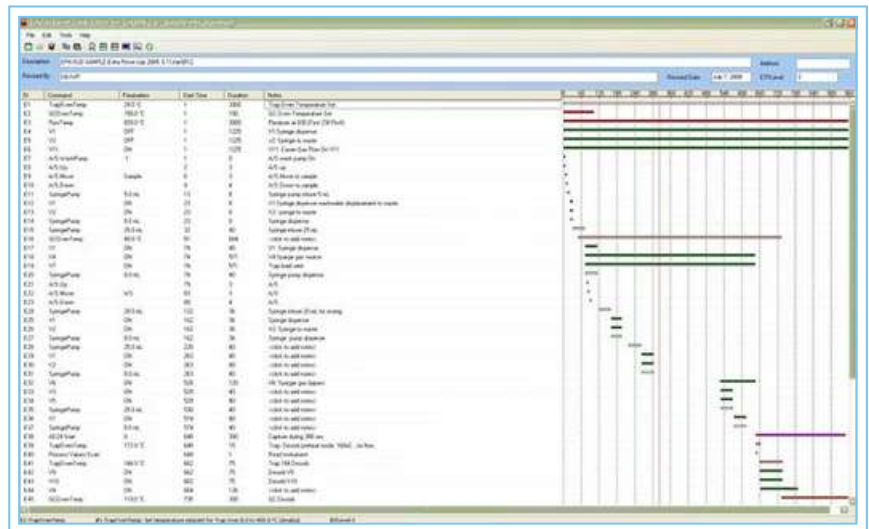
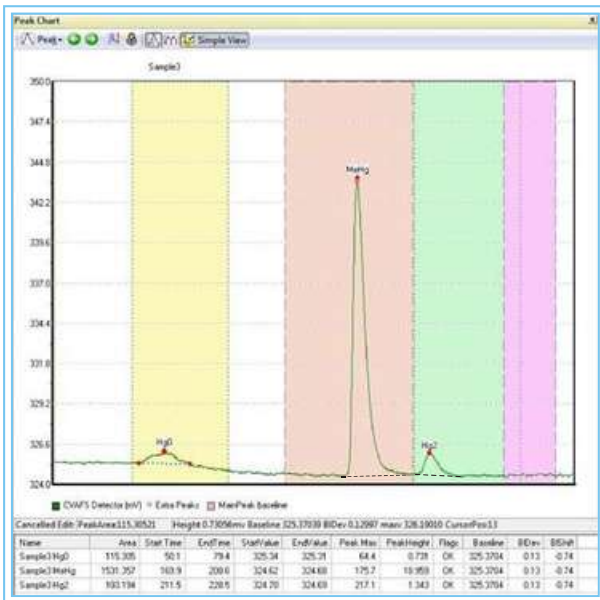


TEKRAN 2700 AUTO-ANALYSER FEATURES

- Highly sensitive, ultra-stable CVAFS Hg detector
- MDL of 0.002ng/L
- Built-in GC oven
 - Programmable for either isothermal or temperature ramp chromatography
 - Accepts both capillary and packed GC columns
- IR trap heating and active cooling
- Utilizes traps made of Tenax OR Carbotrap
- Able to analyse either distilled or non-distilled samples
 - Direct ethylation or EPA 1630 distilled waters
 - Sediments and biota samples via distillation or extraction
- Direct vial purge for simplified operation
- Liquid detector shuts down system in case of malfunction
- Heated valve manifold prevents potential losses
- Capable of interfacing to ICP/MS to yield isotopic ratios for methyl mercury
- Small foot print (51cm X 35cm X 52cm, L:W:H)

TEKRAN 2700 SOFTWARE FEATURES

- Based on Model 2600 (Total Hg) Tek-MDS-2
- Full GC data system capabilities
- Developed “in-house” and fully supported
- Comes complete with EPA standard method
- Easily customized analytical sequences
- Automated trouble shooting and flushing sequences
- Fully programmable analysis cycle parameters for any special application



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Due to continuing development, all specifications are subject to change.