

Gas chromatograph with thermal desorption and MS

Description/Parameters

GC 7890A gas chromatograph (Agilent) with TCD and FID detectors. The instrument is dual channel, allowing injection directly into the injector in the usual way, or (for gas analysis) by injection through a gas loop. The instrument is also equipped with an autosampler for serial analysis of liquid samples and a valve system for on-line analysis of gases (e.g. reactor outlet).

Utilization/Services

- On-line gas analysis during catalytic tests.
- Analysis of gas samples.
- Analysis of common laboratory samples, both liquid and gaseous, also in accredited mode.
- Analysis of gas mixtures including determination of permanent gases.

