



#5006

Gas Chromatograph with Flame Ionization Detector (FID) (PerkinElmer, Clarus 580)

DESCRIPTION

Gas chromatography system for separation, identification, and quantification of volatile and semi-volatile compounds. Equipped with a high-sensitivity FID detector and a programmable on-column injector. Current configuration is optimized for aliphatic wax analysis.

MAIN FEATURES

- Detector: Flame Ionization Detector (FID)
- Programmable on-column injector
- Programmable Pneumatic Control (PPC) for gas flow and pressure
- Oven with rapid heating and cooling cycles
- Automated control of operating parameters and data acquisition

MAIN APPLICATIONS

- Separation, identification, and quantification of volatile and semi-volatile organic compounds
- Qualitative and quantitative analysis of aliphatic waxes
- Research, development, and quality control of materials

ASSOCIATED CAPABILITY AND SERVICES

2003 - 3001 - 3006

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