



#5007

Gas Chromatograph (GC) with Flame Ionization Detector (FID) (Agilent, 7820)

DESCRIPTION

Gas chromatography system for separation, identification, and quantification of volatile and semi-volatile organic compounds. Equipped with a high-sensitivity FID detector and Electronic Pneumatic Control (EPC). Particularly suitable for FAME and sterol analysis.

MAIN FEATURES

- Detector: Flame Ionization Detector (FID)
- Repeatability: retention time <0.06%; peak area <2%
- Electronic Pneumatic Control (EPC) for flow and pressure regulation
- Split/splitless (SSL) injector with programmable split ratio
- Compatible with Chromatography Data Systems (CDS)

MAIN APPLICATIONS

- Separation, identification, and quantification of organic compounds
- FAME analysis (area %) and sterol composition (internal standard)
- R&D and quality control of food, biofuels, and oils

ASSOCIATED CAPABILITY AND SERVICE

2003 - 3001

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