

Agilent 6890N with FPD & Single SSL

System Type	GC (Gas Chromatography)
Inlet Type	Single Split/Splitless (SSL) Inlet
Injection Mode	Split / Splitless
Split Ratio	Adjustable (e.g., 1:1 to 1:1000+)
Autosampler	Agilent 7683 Series Automatic Liquid Sampler
Vial Capacity	Up to 100 vials
Injection Volume	Typically 0.1 – 10 μ L
Carrier Gas	He / H ₂ / N ₂
Flow Control	Electronic Pneumatic Control (EPC)
Column Type	Capillary Column (e.g., HP-5, DB-5)
Oven Temp Range	Ambient +4°C to ~450°C
Detector	Flame Photometric Detector (FPD)
FPD Mode	Sulfur (S) / Phosphorus (P) selective
Detector Temp	Up to ~250–300°C (typical for FPD)
Detector Gases	H ₂ + Air (+ Makeup gas)
Sensitivity	pg level (element-selective for S & P)
Data	ChemStation

