



Agilent 7890B - 5977 GC-MSD

GC Model	Agilent 7890B GC
MS Model	Agilent 5977 MSD
System Type	GC-MS (Single Quadrupole)
Inlet Type	Single Split/Splitless (SSL) Inlet
Injection Mode	Headspace Injection
Headspace Sampler	HTA HT2000H (NEW)
Sample Capacity	42 vials
Sampler Features	Touch Screen, Removable Rack, Orbital Shaking
Ionization Mode	Electron Ionization (EI, 70 eV)
Ion Source	Extractor Ion Source
Mass Analyzer	Quadrupole
Mass Range	m/z 1.6 – 1050
Detector	Triple-Axis Detector (TAD)
Vacuum System	Turbo Molecular Pump + Mechanical Pump
Interface	Heated GC-MS Transfer Line
Carrier Gas	He / H ₂
Column Type	Capillary Column (e.g., HP-5MS UI)
Oven Temp Range	Ambient +4°C to ~450°C
Data System	MassHunter GC/MS
Applications	VOCs, residual solvents, environmental, pharma