



Agilent 6890N - 5973N GC-MSD

GC Model	Agilent 6890N Network GC
MS Model	Agilent 5973 Network MSD
System Type	GC-MS (Single Quadrupole)
Inlet Type	Split/Splitless (S/SL)
Injection Mode	Split / Splitless
Autosampler	Agilent 7683 Series
Injector Tower	G2913A
Sample Tray	G2914A
Vial Capacity	Up to 100 vials
Ionization Mode	Electron Ionization (EI, 70 eV)
Mass Analyzer	Quadrupole
Mass Range	m/z 10 – 1000 (typical)
Detector	Electron Multiplier
Vacuum System	Diffusion Pump (MSD)
Rough Pump	Edwards 1.5 Rotary Vane Pump
Vacuum Monitoring	Ion Gauge (integrated)
Interface	Heated GC-MS Transfer Line
Carrier Gas	He (typical)
Column Type	Capillary Column (e.g., HP-5MS)
Oven Temp Range	Ambient +4°C to ~450°C
Applications	Environmental, VOC/SVOC, pesticides, forensic