

Agilent 5975C TAD GCMS



Agilent 7890 Specifications:

- Detectors: FID & MS (5975C)
- CTC PAL Automatic Liquid Sampler offers liquid, SPME and HS injection
- Electronic pneumatic control: automatic pressure regulation for split/splitless & septum purge
- Electronic Pneumatics Control (EPC) maximum pressure: 150 psi (0.001 psi resolution)
- Oven range: Ambient to 450°C

Agilent 5975C Specifications:

- Triple-Axis High Energy Diode (HED) Electron Multiplier (EM) Detector (Triple Axis Detector:TAD)
- Mode (standard): EI
- Modes (available): PCI, NCI, and EI acquisition with CI source
- EI ion source type: Non-coated inert EI source
 - -Ionization energy: 5–241.5 eV (70eV standard)
 - -Ionization current: 0–315 μ A
- CI gases: Dual gas inlet
- Filaments: Dual for EI
- Simultaneously monitor 4 GC and 2 MS (SIM scans) signals

- NIST 11 EI-MS Spectral Library
- Transfer line temperature: 100–350°C (250°C standard)
- Ion source temperature: 150–350°C (230°C standard)
- Quadrupole temperature: 106–200 °C (150°C standard)
- Mass filter: Monolithic hyperbolic quadrupole
- Mass filter protection: Entrance lens
- Minimum mass: 1.6 u
- Maximum mass: 1050 u
- Mass resolution: >0.05u
- Mass axis stability :> 0.10 u/48 h
- Detector: Triple-Axis Detector (TAD) with EM horn
- Dynamic range (electronic): 10 e⁶
- Scan rate (electronic) Maximum: 12,500 u/s
- Pumping system: 260 L/s turbo pump
- Maximum recommended analytical gas flow: 4mL/min

Available Injection Systems:



Contact the TRACES Manager for full details.