

GC Detector Overview (16 types)

- *Up to 4, 5, or 6 Detectors can be Installed on One 8610 GC*
- *Several Detectors can be Run in Series for Multiple Chromatograms from One Injection*
- *No one has more Detectors or Configurations than SRI!*

This 8610C GC is equipped with ECD, FID, FPD, PID and DELCD detectors. All five detectors may be used and the results viewed simultaneously with our six channel USB PeakSimple Data System (built-in or stand-alone).



SIXTEEN DETECTOR TYPES TO CHOOSE FROM

Each detector is equipped with Electronic Pressure Controlled (EPC) support gases, such as hydrogen and air for the FID, a thermostatted heater block for temperature stability, and internal amplifier electronics. All detectors require factory installation. Prices listed are for the detector mounted on an SRI chassis.

1. **CCD - Catalytic Combustion Detector**
2. **TCD - Thermal Conductivity Detector**
3. **FID - Flame Ionization Detector**
4. **DELCD - Dry Electrolytic Conductivity Detector**
5. **FID/DELCD - Combination FID and Dry Electrolytic Conductivity Detector**
6. **HID - Helium Ionization Detector**
7. **PID - Photo Ionization Detector**
8. **NPD - Nitrogen-Phosphorus Detector**
9. **NPD/DELCD - Combination NPD and DELCD Detector**
10. **TID - Thermionic Ionization Detector**
11. **FPD - Flame Photometric Detector**
12. **FPD/FID - Combination FPD and FID Detector**
13. **Dual FPD - Dual Wavelength for both Sulfur and Phosphorus**
14. **FID Dual FPD - Dual FPD plus FID Combination Detector**
15. **ECD - Electron Capture Detector**
16. **RGD - Reduction Gas Detector**

Detector types are selected by the user depending on the particular measurement application, detection limit required, matrix interferences and regulatory guidelines. Some rare combinations of detectors may conflict due to space limitations.