

Hydrogen/Hydrocarbon Leak Detector/Monitor

- *Detects Hydrogen and Hydrocarbons down to 500ppm*
- *Find Leaks or monitor H₂ and HC concentrations*
- *General purpose Voltmeter included*



The Hydrogen/Hydrocarbon Leak Detector & Monitor is useful for sniffing the fittings on your GC for leaking hydrogen or Argon/Methane. It can also be used for detecting leaking natural gas, propane, or other volatile hydrocarbons. Detection limit is approximately 500ppm. The H₂/HC Leak Detector is also useful for long term monitoring of hydrocarbon concentrations in a flowing stream or static chamber. The sensor element is the same CCD (Catalytic Combustion Detector) that is used as a GC detector on SRI GCs.

The leak detector is attached to the included voltmeter to provide a digital readout. As the H₂/HC concentration increases, the voltmeter numbers increase. By utilizing a voltmeter as a readout device, the cost of the leak detector can be kept low. Unlike other leak detectors which use a row of LEDs as a low resolution readout, the voltmeter's high resolution display allows the user to notice small changes which would be hard to see on an LED display. The 110 volt AC unit comes with a 9 volt power supply, but can also be run on battery power using any battery source with voltage between 8 and 15 volts DC. Power consumption is approximately 200 milliamps. The H₂/HC leak detector can also be built into the Model 203 PeakSimple data system for longer term strip-charting, monitoring, or data logging.

8690-5600 Hydrogen/Hydrocarbon Leak Detector/Monitor (110 volt AC)

8600-5655 Model 203 PeakSimple Data System with Hydrogen/Hydrocarbon Sensor installed

Sample Stream Dryer



- *Uses rechargeable Molecular Sieve dessicant beads and Nafion tubing*
- *Water is absorbed while gases pass through unaffected*
- *For use with water sensitive columns*
- *A simple, economic way to dry gas samples for GC*



8670-5850

Sample Stream Dryer