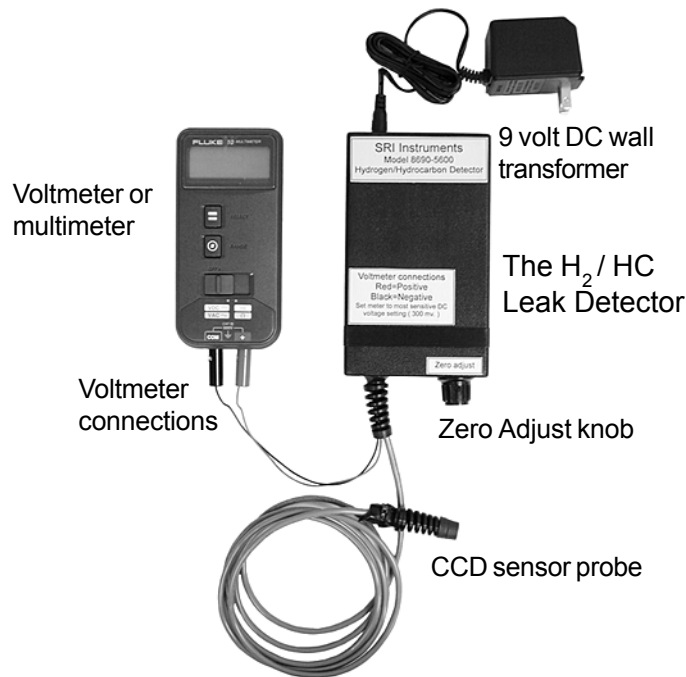


GC ACCESSORIES

Hydrogen/Hydrocarbon Leak Detector/Monitor

Equipped with a CCD detector, the SRI Hydrogen/Hydrocarbon Leak Detector/monitor connects to your voltmeter, which provides the digital readout. As the hydrogen and/or hydrocarbon concentration increases, the voltmeter reading increases. The detection limit is approximately 500ppm. The 110 volt AC unit is shipped with a 9 volt DC wall transformer, but it may be run on any battery source with voltage between 8 and 15 volts. Power consumption is approximately 200 milliamps.



To use the Hydrogen/hydrocarbon Leak Detector:

1. Connect the leak detector to your voltmeter: plug the red and black wires into the corresponding sockets on the voltmeter (RED = positive, BLACK = negative).
2. Plug in the detector's power source.
3. Set the voltmeter to its most sensitive setting (typically 200 millivolts).
4. Use the Zero Adjust knob to zero the detector signal to the voltmeter.



To sniff the fittings on a GC for hydrogen or argon/methane leaks, simply hold the CCD sensor near each potential leak site while observing the voltmeter readout. Make sure to zero the signal first, using the Zero Adjust knob. Check all potential leak sites on the outside of the GC, then inspect the chassis interior: gas line fittings, T's, and restrictors.