

Vendors of Leak Detectors and Monitoring Equipment

On July 27, 2006, new federal requirements became effective for all dry cleaners that use the chemical perchloroethylene (PERC) as a dry cleaning solvent. One of the new rules requires dry cleaners to conduct **monthly** inspections for PERC vapor leaks using a halogenated hydrocarbon detector or PCE gas analyzer, such as a photo ionization detector.

Below you will find information on the types of detectors that may meet U.S. Environmental Protection Agency (EPA) requirements. This list was compiled as a courtesy to provide information on sources for detectors – **this is not an endorsement by the AQD**. Please note that this is not an extensive list, further research is recommended to find the best tool for your dry cleaning facility. **Contact your local dry cleaner equipment and supply facility for additional information on availability.** Prices are subject to change. Sources: California Air Resources Board, EPA and Tennessee Small Business Environmental Assistance Program.

Halogenated Hydrocarbon Detectors - Must detect 25 ppm or more Tetrachloroethylene (Perchloroethylene or Perchloroethene). Price range \$125 - \$580.				
Manufacturer	Model #	Type	Sensitivity	Distributors
Snap-On Inc.	ACT 730 Leak Detector	Halogen selective	<0.25 oz/yr	Snap-on Equipment 1-800-225-5786 Clay.Cook@snapon.com http://buy1.snapon.com
Inficon Inc.	Tek-Mate	Heated Diode Halogen selective	<0.4 oz/yr	Nu-Way Products Co. Phillip Farmer 1-800-462-2089 www.inficonrefrigerantleakdetectors.com
Aeroequal Semiconductor	Aeroqual 200 Leak Detector (perchloroethylene)	Solvent specific	0-200 ppm	Kanomax USA, INC 1-800-247-8887 http://kanomax-usa.com/Aeroqual-Series-200.html
TIF	TIFXP-1A Six Tricolor LEDs for Visual Leak Indication, Seven Sensitivity Levels TIFRX-1A Six Single Color LEDs for Visual Leak Indication, Two Sensitivity Levels TIFXL-1A One Sensitivity Level	Halogen selective Halogen selective Non-selective	<0.1 oz/yr <0.25 oz/yr <0.4 oz/yr	Grainger Industrial Supplies www.grainger.com TIF 1-800-327-5060 www.tif.com Network Tool Warehouse Tel: 1-800-939-8665 www.ntxtools.com Cleaner Supply 1-800-388-5410 www.cleanersupply.com

Vendors of Leak Detectors and Monitoring Equipment (continued)

PERC Gas Analyzers - Photoionization Detector (PID) - Can be used for equipment leak detection (\geq 25 ppm PERC) & carbon adsorber monitoring (300 ppm \pm 75 ppm perc / 100 ppm \pm 25 ppm). Detectors are calibrated to be solvent specific. Price range \$1,500 - \$3,800.				
Manufacturer	Model #	Type	Sensitivity	Distributors
Ion Science	PhoCheck 1000	PID	0.1-4,000 ppm 5% accuracy	Ion Science Americas LLC 1-800-224-5153 info@ionscience-americas.com www.ionscience.com
Rae Systems	MiniRAE 2000 2 sensitivity levels ToxiRAE Plus 2 sensitivity levels	PID PID	0-99 ppm / 100-2,000 ppm 2% accuracy 0-99 ppm / 100-2,000 ppm 2% accuracy	Rae Systems Llyod Stading 206-310-5906 lstading@raesystems.com www.raesystems.com Inspector Tools 1-800-895-4916 www.inspectortools.com Cole-Parmer 1-800-323-4340 www.coleparmer.com
International Sensor Technology	IQ350-TLV-FALCON	PID	Low level (0-100 ppm) Medium level (0-500 ppm)	International Sensor Technology 1-800-478-4271 www.intlsensor.com
PID Analyzers / HNU	DL-102	PID	less than 1 ppm to 3.0 ppm	PID Analyzers, LLC 1-800-PID-6826 www.hnu.com