

Environmental Protection Hydrocarbon Fuel Oil Leak Detection

The AquiTron™ AT-FLSH-P uses the TraceTek (Flasher Alarm Unit) is an electronic alarm system for use with all TraceTek TT5000 fuel sensing cable and TT5001 solvent sensing cable.

The alarm unit is self contained, battery powered with visual alarm flasher and a test circuit. Applications include fuel tanks, buried valves or manifolds, sumps and any areas requiring a hydrocarbon leak detection visual alarm system.



AT-FLSH-P
Flasher Unit



Technical Information

Sensing system TraceTek TT5000 and TT5001
4 wire construction, conductive Polymer Jacket with Fluoropolymer over-braid, non re-settable
Units also available for TT1000, TT3000 and TT7000

Probe sensing devices

Maximum Sensing Circuit	100m (330ft)
Supply voltage	2 size AA batteries (alkaline or lithium recommended) 3 volts DC
Battery life	Alkaline upto 12 month no alarm, 1 month alarm condition
Lithium	up to 5 years no alarm, 4 month alarm condition
Output Logic	Test, Sense and Low Battery, (no cable break alarms)
Output Indication	Leak LED Strobe, no cable break alarms
Test	Optional test button
Optical Viewing Distance	15 metres (50 feet) Day / ~200 metres (650 feet) Night
Enclosure	IP67, Rainproof

Ordering Information

Catalogue number 9052 AT-FLSH-P Flasher Unit

Additional flasher units are also available for detection water, acid and other conductive liquids, using the TT1000, TT3000 TT7000, Water detection probes, optical oil sensors, float switches and immersion sensors. Contact your sales agent for further details.



Continuous Environmental Liquid Monitoring



No False Alarms

The system uses a hydrocarbon specific sensor, which alarms only when the hydrocarbon concentration around it reaches a "trip" threshold. When this threshold is reached, current flows on specific cables located INSIDE the pressure-tight jacket and only this current flow will cause the alarm module to report a leak. This means that only actual hydrocarbon exposure or physical damage to the sensor will cause the module to report a leak. Environmental factors such as water, corrosion and age cannot cause the alarm module to falsely report a leak. Third party EPA (USA) testing indicates a 100% detection accuracy and a 0% false alarm rate.

No Annual Maintenance Expense

Each electronic module will require a battery replacement (two AA alkaline batteries per module) every year. The electronic module (AT-FLSH-P Flasher Unit) is supplied in an IP67 rainproof enclosure and the sensor is unaffected by environmental factors. "Maintenance" of the system should, for all practical purposes, be NONE.

No Annual Monitoring Expense

The monitoring process is self-contained and requires no service fees, yearly service contracts, telecommunications costs or sample analysis costs. The integrity of the TraceTek system can itself be tested at whatever interval is deemed appropriate by activating the "Push to Test" button on the electronic module. This work can be scheduled by the facility maintenance personnel to be done on their daily walk-through or on their scheduled inspections.

No Electrical Hook-up Expense

The system is battery driven and requires NO electrical hook-up or electrical installation. Moreover, there is no hook-up or installation for the visual alert system. For most sites, the elimination of these two installations represents a significant first-cost saving. There is NO testing down time for the system. Monitoring is continuous without process interruption. Moreover, sensor and battery installation/replacement require no down time.

Can be used in areas where background contamination exists*

The system can be installed at sites where "old contamination" exists as long as concentrations in the soil are below 25,000 ppm and hydrocarbon concentrations in the ground water are below 20,000 ppm. (*Some limitations apply)



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