



# Refrigerant Leak Detectors



TIFXP-1A



TIFRX-1A



TIFXL-1A



Design Certified by MET Laboratories, Inc., to meet SAE J1627 for R-134a, R-12, and R-22.

U.S. Patent Nos. Re: 32,552; 4,282,521; 5,400,015

CLASSIFIED BY UNDERWRITERS LABORATORIES INC® ONLY TO INTRINSIC SAFETY IN CLASS 1 GROUPS C & D HAZARDOUS LOCATIONS.

## TIFXL-1A, TIFRX-1A, TIFXP-1A Leak Detectors

The revolutionary new "Generation X" line of TIF refrigerant leak detectors brings you tomorrow's technology today. We not only changed the way our leak detectors look, but the way to look at leak detectors. Innovative MPC circuitry and Advanced Digital Signal Processing monitor the sensing tip up to 2000 times per second. Automatic reset, true mechanical pump, and visual indicators (TIF XP-1 and TIF RX-1) speed and simplify leak searches.

A completely re-designed sensing tip increases sensitivity, improves reliability, and lasts twice as long as its predecessor. This results in fewer comebacks, less hassle, and lower maintenance costs. We are so confident in the design and quality of these detectors that they are backed by a warranty of up to 3 years.

### All Models Feature

- ▶ Microprocessor controlled circuit with Advanced Digital Signal Processing.
- ▶ Detects ALL halogenated refrigerants.
- ▶ Certified to SAE J1627.
- ▶ Variable frequency audible alarm.
- ▶ CE approval.
- ▶ UL classified.
- ▶ Constant power indication.
- ▶ Cordless and portable; operates on two C-cell batteries.
- ▶ 14" (35.5 cm) flexible stainless steel probe with liner.
- ▶ Carrying case included, optional holster.
- ▶ Optional reference leak source.

### Additional Features

#### TIFXL-1A

- ▶ Single switch control.
- ▶ Two-year warranty.

#### TIFRX-1A

- ▶ Six-segment visual leak size indicator.
- ▶ True mechanical pump provides positive airflow through sensing tip.
- ▶ High and low sensitivity levels.
- ▶ One touch reset.
- ▶ Tactile keypad controls.
- ▶ Two-year warranty.

#### TIFXP-1A

- ▶ Tri-color, six-segment visual leak size indicator displays 18 alarm levels.
- ▶ Seven levels of sensitivity adjustment provide an increase of up to 64x.
- ▶ Battery test function with true voltage indication.
- ▶ Mute feature silences audible alarm.
- ▶ True mechanical pump provides positive airflow through sensing tip.
- ▶ One touch reset.
- ▶ Tactile keypad controls.
- ▶ Three-year warranty.

### Replacement Parts (all models)

TIFXP-2 – Maintenance kit (3 tips, 3 protectors).

TIFXP-5A – Battery cover.

### Specifications

Power Source	3V DC; 2 "C" cell alkaline batteries
Ultimate Sensitivity	TIFXL-1A - Less than 0.4 oz./yr. (11 g/yr.) TIFRX-1A - Less than 0.25 oz./yr. (7g/yr.) TIFXP-1A - Less than 0.1 oz./yr. (3 g/yr.)
Sensing Tip Life	Approx. 20 hours
Operating Range	30° to 125° F (0° to 52° C)
Battery Life	TIFRX-1A and TIFXP-1A – Approx. 30 hrs. TIFXL-1A – Approx. 40 hrs.
Duty Cycle	Continuous
Response Time	Instantaneous
Reset Time	One second
Warm-up Time	Approx. 2 seconds
Unit Weight	1.2 lbs. (560 grams)
Unit Dimensions	9" x 2.25" x 2.25" (22.9 cm x 5.7 cm x 5.7 cm)
Fixed Probe Length	14" (35.5 cm)