

## TIFZX & TIFZX Kit

### Heated Pentode® Refrigerant Detector



**THREE-YEAR  
WARRANTY**

TIF is proud to announce a new, heated-pentode leak detector the TIFZX. The new TIFZX uses proven heated-pentode technology with an improved grip and easy-to-read display. The design of the TIFZX eliminates false alarms from moisture, solvents and cleaners. An improved, true mechanical pump allows for instant response and clearing.

#### Features

- Heated Pentode® sensor technology
- Tri-color visual leak size indicator
- Detects all CFC, HFC, HCFC's including R-12, R-22, R-123, R-134a, R-404a, R-407a, R-408a, and R-410a.
- Tactile keypad controls with one-touch reset and adjustable sensitivity
- True mechanical pump provides instant response and clearing
- Battery test function
- Sensor failure indication
- Rechargeable batteries
- Revolutionary design



#### TIFZX includes:

- |   |                        |
|---|------------------------|
| (1) ZX Refrigerant Leak Detector              | (1) Battery Charger    |
| (1) Battery Pack, Nickel Metal Hydride (NiMH) | (1) Soft Carrying Case |
|   | (1) Owner's Manual     |



**HVAC Application**



**Automotive Application**



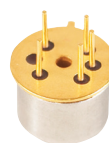
#### TIFZXKIT includes:

- |   |                                     |
|---|-------------------------------------|
| (1) ZX Refrigerant Leak Detector              | (1) Charging Base                   |
| (2) Replacement Sensors                       | (1) Battery Charger                 |
| (5) Replacement Filters                       | (1) Cigarette Lighter Charger (12V) |
| (2) Battery Pack, Nickel Metal Hydride (NiMH) | (1) Blow-molded Carrying Case       |
|   | (1) Owner's Manual                  |

## Heated Pentode® Refrigerant Detector

### Replacement Parts & Accessories

TIFZX-2	Replacement Heated Pentode® Sensor
TIFZX-3	110V-60 Hz Battery Charger (North and South America)
TIFZX-3A	230V-50 Hz Battery Charger (Australia)
TIFZX-3E	230V-50 Hz Battery Charger (Europe, Asia)
TIFZX-6	Remote Battery Charging Base, 110V-60 Hz (Optional)
TIFZX-6E	Remote Battery Charging Base, 230V-50 Hz (Optional)
TIFZX-7	Nickel-Metal Hydride (NiMH) Battery Pack
TIFZX-10	Flexible Probe (includes probe tip)
TIFZX-11	12V DC Battery Charger
TIFZX-14	Filter and O-ring
TIFZX-15	New Filter Elements (5 pack)
TIFZX-55	Soft Carrying Case



TIFZX-2



TIFZX-3  
TIFZX-3A, TIFZX-3E



TIFZX-6, TIFZX-6E



TIFZX-7



TIFZX-10



TIFZX-55



TIFZX-14



TIFZX-15



TIFZX-11

### Technical Data

Sensor Technology:	Heated Pentode® (advanced heated diode)
Electronic Technology:	Microprocessor-controlled circuit, including constant battery and sensor condition detector.
Refrigerants detected:	Detects all CFC, HFC, HCFC's including R-12, R-22, R-123, R-134a, R-404a, R-407a, R-408a, and R-410a
Sensitivity:	Less than 0.1 oz/yr (3 gr/yr); as low as 0.05 oz/yr (R-12)
Warm-up Period:	20 seconds
Excessive Refrigerant Tolerance:	Sensor cannot be poisoned by excessive refrigerant
Battery Life:	5 to 6 hours, depending on sensor age. Integral constant power indication.
Battery Technology:	Rechargeable NiMH
Battery Recharge Time:	2 hours, integral charge status indicator.
Failed Sensor Indication:	All LEDs flash red, pump off.
Sensor Life:	Up to 150 hours
Operating Environment:	0°C to 50°C (32°F to 122°F), 0 to 95% RH non-condensing
Dimensions:	26 cm L x 6.5 cm Dia. (10.25" L X 2.5" Dia.)
Weight:	Approximately 452 grams (16 ounces)

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**TRANSCAT**



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