# **THREE-YEAR WARRANTY**



**HVAC Application** 



**Automotive Application** 

# **TIFZX & TIFZX Kit**

## **Heated Pentode® Refrigerant Detector**

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:

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



### TIFZXKIT includes:

- ZX Refrigerant Leak Detector
- Replacement Sensors
- Replacement Filters (5)
- (2) Battery Pack, Nickel Metal Hydride (NiMH)
- Charging Base
- **Battery Charger** (1)
- Cigarette Lighter Charger (12V)
- Blow-molded Carrying Case
- 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-3A, TIFZX-3E



TIFZX-6, TIFZX-6E



TIFZX-7





TIFZX-14



TIFZX-10

TIFZX-11

TIFZX-55

**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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