



**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:

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



#### 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                  |



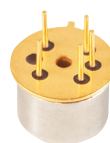
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Long Branch, NJ 07740  
1-877-742-TEST (8378)  
Fax: (732) 222-7088  
salesteam@Tequipment.NET

**SPX**  
SERVICE SOLUTIONS

## 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.<br>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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