



The **VTech PLD-2000 and PLD-2000EX** are the latest infrared leak detectors from **VTech**, replacing the previous PLD-1000. They are designed for testing refrigeration and A/C systems for refrigerant leaks, including flammable gas. The PLD is equipped with interchangeable sensors based on the gases to be detected. For example, the T6 sensor can detect R404a, R407c, R410a, R448 and R449; the operator can switch between blends as needed. Three types of probes are available, including a new design sniffer wand, and a 5-color LED multi-function probe, which will visually display the leak value versus the adjustable set point, as well as an audio alarm to warn the operator if the set point has been exceeded. PLC control and 8" HMI, contained in an IP67 rated case, make this instrument the preferred choice for industrial leak-testing applications.

### MAIN FEATURES:

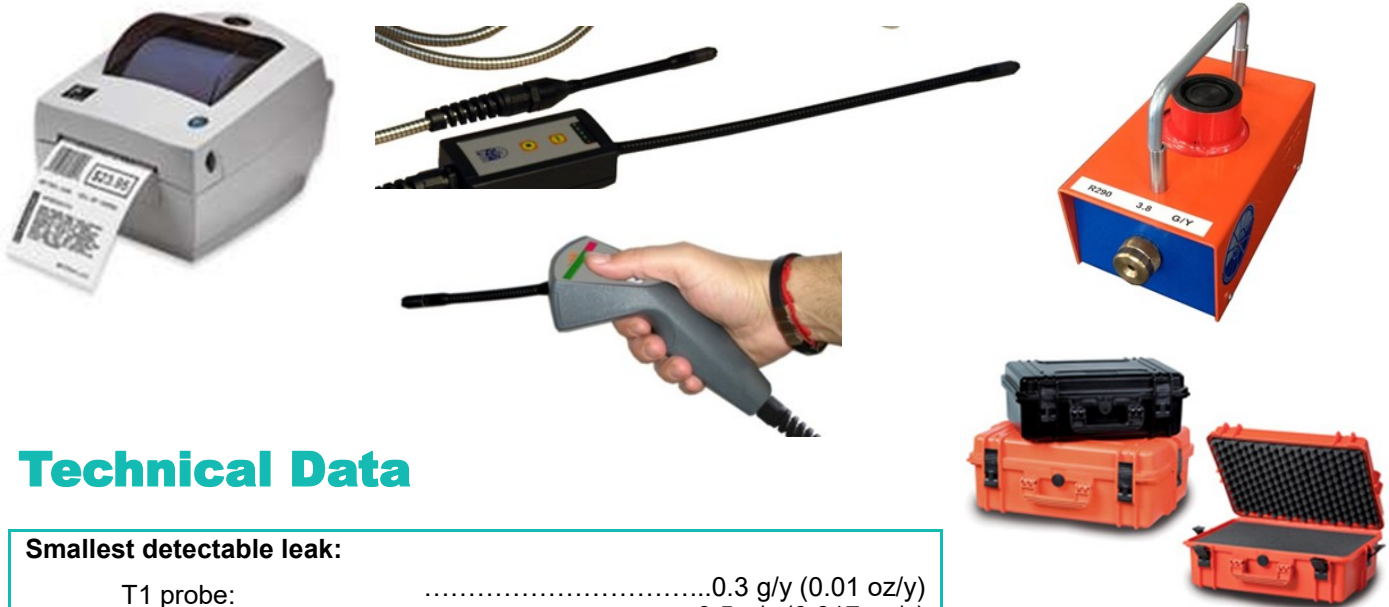
- **Industrial:** based on robust infrared technology minimizing false alarms from the surrounding environment
- **Durable:** extended sensor life compared with traditional halogen sensors
- **Flexible:** can be configured to detect virtually any type of refrigerant by selecting the suitable sensor

# Equipment Features

- Compatible with two gas sensors for increased flexibility
- **VTech PLD-2000EX** is designed in accordance with ATEX Directive 2014/34/EU for use in Zone 2 hazardous area
- VTech-SAFE Safety Monitoring System compatible
- PLC control and 8" HMI
- Printer Output compatible
- Continuous or Point measurement mode



# Accessories



# Technical Data

<b>Smallest detectable leak:</b>	
T1 probe:	.....0.3 g/y (0.01 oz/y)
T2 through T7:	.....0.5 g/y (0.017 oz/y)
<b>Leak Test Resolution</b>	.....0.1 g (0.0035 oz)
<b>Leak Measurement Range</b>	.....0.3-100 g/y (0.01 to 3.5 oz/y)
<b>Response Time</b>	...~1.0 sec (2 m cable )
<b>Warm-up Time</b>	45 seconds
<b>Detectable Refrigerants</b>	
• T1 sensor	.....R134a-R407c
• T2 sensor	.....R600a-R290a
• T3 sensor	.....R134a, R404a, R407c, R410a
• T4 sensor	.....R22
• T5 sensor	.....HFO134yf
• T6 sensor	.....R404a, R407c, R410a, R448, R449
• T7 sensor	.....R32
* other refrigerants on request	

