

► Tru Pointe

Refrigerant gas leak detector



Technical specifications

Detected gases: All CFC, HCFC and HFC refrigerants including: R-12, R22, R123, R134a and the R404A, R408A, R409A and R410A mixtures

Measurement technology: Patented heated diode sensor

Sensor life: 150 typical hours or one year of normal use

2 sensitivity levels: Detection from 4 to 14 g/year

- High: 4 g/year (0,1 oz/year) and more
- Low: 14 g/year (0,50 oz/year) and more
- Sensitivity selectable by push button

Repeatability: 100%

Warm-up time: 10 seconds

Response time: < 1 second

Calibration: None required (automatic calibration)

- Automatic recalibration in contaminated areas

Alarms: Vibrant and audible display (with one touch inhibition)

Leak indicator: Green/Yellow/Red LED

Power supply: 2 LR20 batteries (supplied)

Battery life: Minimum 11 hours high sensitivity mode, 20 hours minimum low sensitivity mode, as tested with Duracell Ultra MX1300 alkaline batteries.

Dimensions (without probe): 53,8 × 241,3 × 61,0 mm

Probe length: 356 mm

Weight: 530 grams

Operating conditions:

- Temperature: 0 to 50 °C
- Humidity: 10 to 90% HR (non-condensing)

Certifications: SAE J1627, CE marking

Coding: 0019-8106 Complete kit Tru Pointe

Product description

The **Tru Pointe** is a **refrigerant gas leak detector** that uses Bacharach's patented heated diode sensor to efficiently locate CFC, HFC, HCFC and HFO refrigerant leaks. Battery operated and ready to use in 10 seconds, it has a long flexible probe to detect leaks in hard to reach areas.

The **Tru Pointe** has 2 sensitivity levels selectable by push button for a finer search. It also includes an automatic reset function that allows leaks to be found in contaminated environments without affecting the target gas readings.

With considerable autonomy and requiring no charging, the **Tru Pointe** is perfectly suited for precisely locating refrigerant leaks in air conditioning, refrigeration, cooling or cold storage units.

► Main assets

- Quick and precise location of refrigerant leaks CFC, HCFC and HFC including : R-12, R22, R123, R134a and R404A, R408A, R409A and R410A mixtures
- Patented heated diode sensor presenting the latest sensor technology
- Response time < 1 second
- High and low sensitivity modes selectable by push button for a finer leak search
- Automatic reset and atmosphere compensation allowing a leak to be quickly detected in a contaminated atmosphere without the need to manually adjust the sensitivity
- 356mm long flexible probe to locate leaks in hard to reach areas
- No calibration required
- Complete kit including the detector, the instruction manual, 2 batteries (LR20) and a rigid transport case

► Application areas

- Air conditioning, and ventilation
- Cold rooms and freezers
- Automotive air conditioning system

► Tru Pointe IR



Exposing the sensor to a stable flow of highly concentrated refrigerants will damage the sensor or seriously reduce its service life, which depends directly on the amount of refrigerant flowing through it. Infrared detectors like the **Tru Pointe IR** are insensitive to large and repeated exposures of refrigerant gases, so they have a much longer lifespan (up to 10 years).