

► Tru Pointe IR

Refrigerant leak detector



Technical specifications

Detected gases: R12, R22, R134a, R404A, R410A, R502, R507, HFO1234yf & HFO1234ze

Measurement technology: Advanced infrared

Average sensor life: 10 years

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

- High: 4 g/year (0,1 oz/year) and higher
- Medium: 7 g/year (0,25 oz/year) and higher
- Low: 14 g/year (0,50 oz/year) and higher

Repetitivity: 100%

Warm-up time: 30 seconds

Response time: < 1 second

Calibration: No requirement (automatic calibration) – Auto-recalibration in contaminated areas

Display: LED bar graph display

Alarms: Vibrant visual and audible alarms (one-touch inhibition)

Leak indicator: LED green / yellow / red

Power supply: Rechargeable Lithium ion battery (AC wall adapter and DC cigarette lighter charger included)

Run time: 8 hours on full battery charge

Automatic stop: after 10 minutes with no activity

Low battery alarm: 1 hour remaining

Charge time: Approx 3 hours

Housing: Robust with rigid plastic housing, rubberized probe

Dimension (LxIxH): 5.52x4.45x19.05 cm + 39.4 cm flexible probe

Weight: 442 g

Operating conditions :

- Temperature : 0 to 40 °C
- Humidity : 10 to 90% RH (non-condensing)

Certifications: SAE J1627, SAE J2791, SAE J2913, EN 14624

Product description

The **Tru Pointe IR** is a refrigerant gas leak detector that uses a long-life infrared sensor in a housing to effectively locate refrigerant gas leaks CFC, HFC, HCFC and HFO. Ready to use in 30 seconds and with an 8 hours autonomy on a single charge, the Tru Pointe IR is an essential tool in the search for freon gas leaks.

The **Tru Pointe IR** has 3 adjustable sensitivity levels for finer research and a LED bar graph indicates the extent of the leak. Automatic zeroing function allows leak detection in already gas-polluted environments.

With considerable autonomy, the **Tru Pointe IR** is ideally suited for the control of domestic, commercial and industrial refrigeration installations, as well as automotive air conditioning and air conditioning systems.

The very complete kit includes the detector with a wall adapter and a vehicle charger, a 39.4 cm flexible probe, a 22 cm extension probe, a rigid "needle" probe, all in a carrying case.



► Main assets

- Every refrigerants CFC, HFC, HCFC, including R12, R22, R134a, R404A, R410A, R502, R507, HFO1234yf & HFO1234ze
- Advanced infrared technology with an average 10 years sensor life
- Robust housing with rubberized protection and magnetic clip
- Sensitivity levels for finer leak detection Visual alarm with color, sound and vibrating bargraph for noisy environments
- Less than 1 second response time
- Auto-calibration in contaminated area

► Application fields

- Machinery room
- Cold rooms and freezers
- Ventilation and air conditioning systems
- Refrigeration compressors
- Automotive air conditioning system