Tru Pointe IR
Refrigerant leak detector

Description du produit

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.

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 (LxWxH):** 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

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