H-10 Pro – The Best Refrigerant Leak Detector on the Market!

Why the H-10 Pro is the Best!

- Ultra-sensitive refrigerant leak detector using patented heated diode sensor technology
- Detects all CFC, HFC, and HCFC refrigerants
- Also detects HFO1234yf and HFO1234ze[1]
- Quick 1 second (or less) response time
- Manual and automatic operation modes
- Audible (internal speaker) and visual leak indicators with option to use headphones
- Pinpoints small, medium and large leaks
- Sensor calibration system to ensure proper operation

[1] Final confirmation pending

Target End-Users

- HVAC contractors
- Facilities managers
- Building maintenance crews
- Automotive shops/garages
- Refrigeration engineers/technicians

Heated Diode Sensor

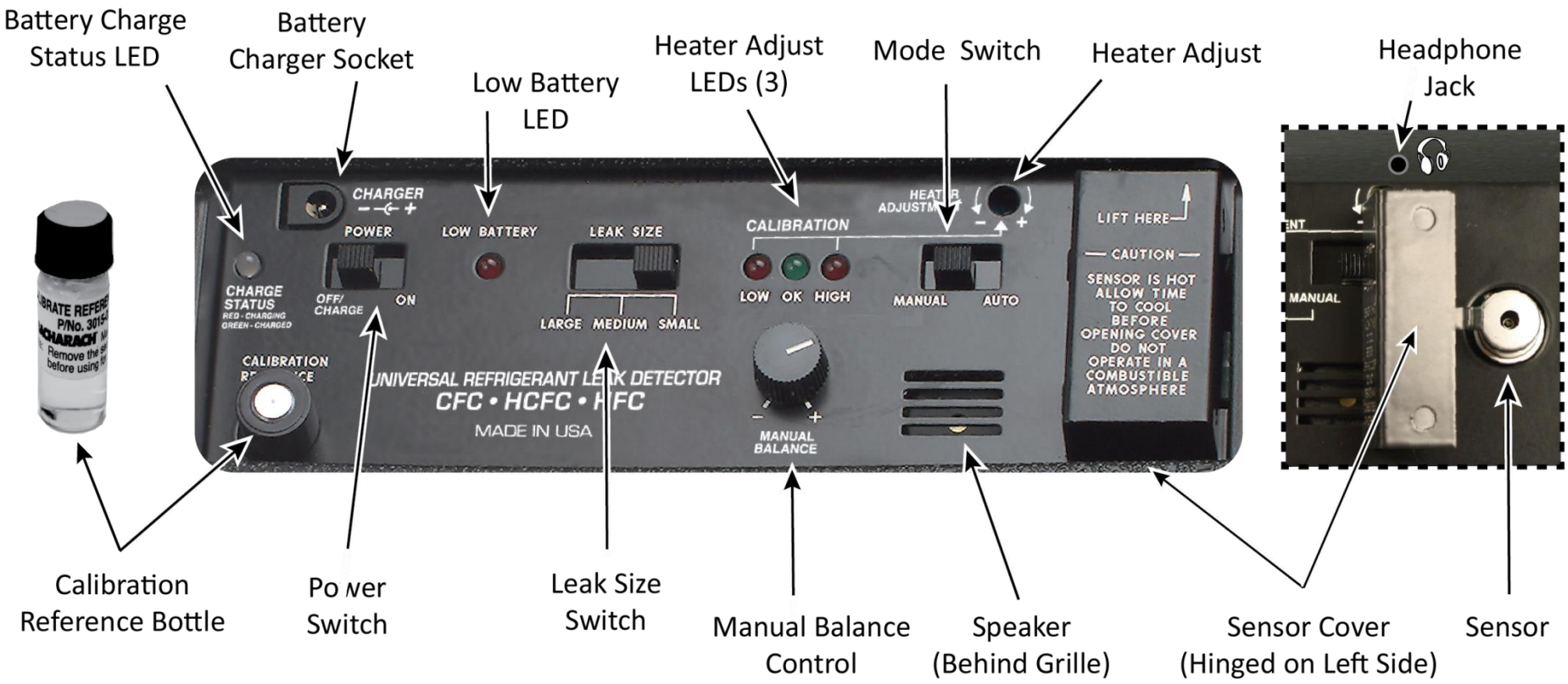
- Heated diode sensor characteristics
  - Excellent sensitivity to a variety of refrigerants
  - Low cost compared to other sensor technologies
  - Good lifetime (1 year or more)[1]
  - Can be destroyed by exposing to very high concentrations of gas

[1] Based on normal use

Specifications

Item	Description
Power	Internal 12 VDC lead acid battery or 100-240 VAC via wall adapter
Refrigerants detected[1]	All CFCs, HFCs, and HCFCs; HFO1234yf and HFO1234ze (pending)
Sensitivity[2]	0.006 oz/yr (stationary); 0.1 oz/yr (moving per SAE J2791)
Response time	1 second
Battery life	3-3.5 hours (approximate, with fully-charged battery)
Probe	4.5 ft. (1.4 m) long with built-in filter and LED indicator
Operation Modes	Auto (automatic background zeroing) and manual
Warm-up	2 minutes (typical)
Leak indication	Visual (red LED) and audible (internal speaker or via headphones)
Warranty	3 years

Control Panel



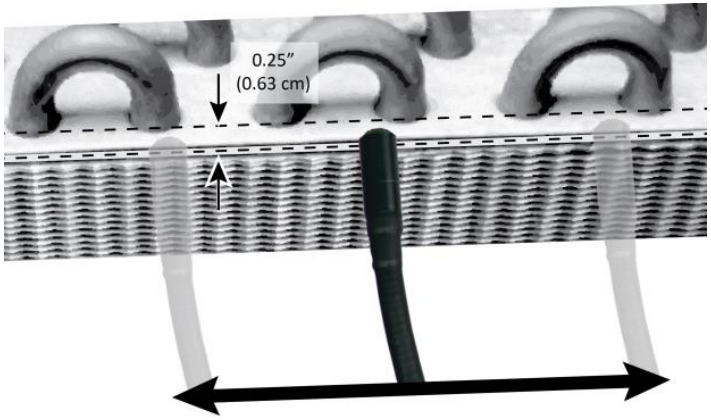
H-10 Pro Kit

P/N	Description
25301	H-10 Pro kit

- Kit includes:
  - H-10 Pro leak detector
  - Calibration reference bottle
  - Wall adapter with N. American plug
  - Shoulder strap
  - Maintenance kit (12 probe tip filters, 3 airflow balls)
  - User manual

Application – Finding Leaks

- Allow instrument sufficient warm-up time
- Ensure instrument is configured correctly (i.e. sensitivity/leak size setting) and is operating (i.e. calibration test)
- Start checking high-probability areas, including:
  - Joints/fittings (elbows, couplings, reducers, flanges, etc)
  - U-tubes/condensers
  - Compressor seals
  - Valves
- Be methodical – check all areas



Tips on Leak Detection

- The first leak is not necessarily the only leak
- Soapy water test isn't a good solution to looking for leaks (it doesn't catch everything!)
- Clear the target area with shop air before looking for small leaks, especially if a large leak was present (and corrected)
- Keep probe filter clean and watch out for moisture (don't allow water into the instrument)
- Remember if using the automatic mode, the unit will self-adjust after approximately 5 seconds in a contaminated atmosphere

Summary of Features & Benefits

Feature	Benefit
Detects all refrigerants	Use for everything from R12 and R22 to R410a and R507
Ultra-sensitive, fast response	Quickly finds even the smallest leaks of the hardest-to-detect refrigerants
Auto & manual modes	Detect leaks with background gas (auto) or utilize the best sensitivity (man.)
Calibration reference	Ensures the sensor is operating at optimal conditions
Audio & visual indicators	Clearly indicates when a leak is found with bright LED and audible sound
Headphone option	Allows for detection of leaks in noisy environments
4.5 ft. probe	Reach leaks in tight places at an arm's length
Shoulder strap	Use shoulder strap for one-handed leak detection
AC or DC power	Power from internal battery or run from wall adapter
Warranty	3-year warranty – know that your leak detector will last