



Professional-grade instruments for HVAC/R field service



# Heated Diode Refrigerant Leak Detector

model SRL8

Superior Sensitivity

### Heated diode sensor

- Fast response time
- Can detect leak rates below 0.1 oz/yr
- Easily replaceable
- Specifically designed for HVAC/R refrigerants
- Works in contaminated environments

### Lithium Ion Battery

- Delivers 15 hours of use per charge
- Includes chargers for the truck and the shop
- Works while charging
- User replaceable

## Model SRL8 Heated Diode Refrigerant Leak Detector



### SRL8 Specifications

Gases measured	CFC, HFC, HCFC and blends
Sensing element	Heated diode
Response time	Less than 1/2 second to 1 second
Sensitivity levels	HIGH Better than 0.1 oz./year
	MED 0.6 oz./year
	LOW 6.6 oz./year
Calibration	Automatic or manual zeroing
Warm up time	30 seconds
Probe length	15 inches (9 inch extensions included)
Battery chargers	Wall charger and vehicle charger included
Battery type	3.7VDC (nominal) rechargeable lithium ion battery
Battery life	Approx. 15 hours if fully charged



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www.fieldpiece.com

### Comparing Fieldpiece Leak Detectors

SRL2 (Infrared Sensor)	SRL8 (Heated Diode Sensor)
Stays very sensitive for the life of meter	Requires sensor replacement to maintain sensitivity. Dependent on exposure
Not affected by moisture or oil	Can false trigger on moisture and oil
Sensitivity is similar for different refrigerants	More sensitive to some refrigerants than others
Senses CHANGE in refrigerant concentration so it requires sweeping motion	Senses absolute refrigerant concentration. Bar graph indicates concentration
Inherently handles background refrigerant without adjustment	Zeroing (auto or manual) function resets level of triggering
More expensive	Less expensive

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### Power Solutions

- 15 hour battery life to last the whole work day
- Auto-off after 10 minutes
- Rechargeable lithium ion battery
- Wall charger included
- Vehicle charger included



### What's Included

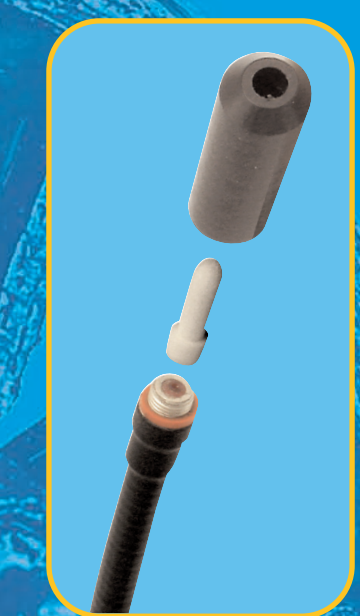
- Heated Diode Refrigerant Leak Detector
- 1 - Heated diode sensor (RHD1)
- 5 - Replacement O-rings
- 10 - Replacement filters (RFL2)
- 1 - 9 inch needle tip probe (RFE2)
- 1 - 9 inch flex extension (RRE2)
- 1 - Vehicle charger (RCA2)
- 1 - Wall outlet charger (RWA2)

### Advantages

- 15-hour Battery Charge
- Work all day on one charge.
- Superior/Controlled Sensitivity
- Find CFC, HFC, HCFC blend leaks below 0.1 oz./year.
- Three sensitivity levels
- Auto or Manual Zeroing
- Ensures functionality even in contaminated environments.
- Rugged / Ergonomic
- Ruggedized boot fits naturally in your hand.

### And more:

- Audible/LED Bar Graph Indicators
- Sturdy, Non-conductive Probe
- Zero/Mute Functions
- Magnetic Hanger
- Check Battery Function
- Replaceable Water-blocking Filters
- Weighs 14 oz.



### Water-Blocking Filter

- Keeps water and other contaminants out
- Easy filter replacement
- Ten extra filters included
- Five extra O-rings included