

Refrigerant Leak Detectors

Accurately detect all CFC, HCFC, and HFC refrigerants

A redesigned sensing tip helps increase sensitivity and improve reliability. Digital signal processing monitors the sensing tip up to 2000 times per second for reliable refrigerant detection.

Basic detector features one sensitivity level. **Advanced detector** has two sensitivity levels, 6-segment visual indicator, and a true mechanical pump. **Deluxe detector** features seven sensitivity levels, 6-segment visual indicator with three colors for 18 total visual indication levels, true mechanical pump, and mute button.

- Comfortable, ergonomic design
- Rubber cushion grip on handle
- Visual leak size indicators (not on Model XL-1A)
- Simple controls for easy operation
- Advanced digital signal processing, monitors the sensing tip up to 2000 times per second
- Detects all halogenated refrigerants
- Variable frequency audible alarm
- Flexible stainless steel probe with liner
- Constant power/low-battery indicator
- Certified to SAE J1627 for R12, R22, and R134a



SPECIFICATIONS			
Model No.	XL-1A	RX-1A	XP-1A
Ultimate sensitivity	<0.4 oz per year (11 gr/yr)	<0.25 oz per year (7 gr/yr)	<0.1 oz per year (3 gr/yr)
True mechanical pump	—	Yes	Yes
Visual leak indication levels	—	6 (single color)	18 (tri-color)
Sensitivity levels	1	2	7
One-touch reset and keypad controls	—	Yes	Yes
Mute button	—	—	Yes
Sensing tip life	Approximately 20 hrs		
Operating temperature	32 to 125°F (0 to 52°C)		
Probe length	14" (355 mm)		
Dimensions (W x H x D)	2½" x 9" x 2½" (64 x 229 x 64 mm)		
Power	3 VDC, two C batteries		
Battery test	—	—	True voltage
Battery life	Approximately 40 hrs	Approximately 30 hrs	Approximately 30 hrs

What's included: Blow-molded carrying case and two C batteries.

Catalog No.	Model No.	Description
TS-10114-88	XL-1A	Basic refrigerant leak detector
TS-10114-89	RX-1A	Advanced refrigerant leak detector
TS-10114-90	XP-1A	Deluxe multi-refrigerant leak detector
Accessories		
TS-09386-02	—	Replacement batteries, C. 4/pk

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