



AST300PPM

REFRIGERANT LEAK DETECTOR WITH PPM DISPLAY

AST300PPM takes automotive leak detection to the next level. The large, easy-to-read LCD display can not only pinpoint the leak location, but help quantify the leak size using the PPM reading. AST300PPM detects R134a, R1234yf, and even CO₂ using the optional CO₂ sensor, so you can be ready for any application. Upgrade your toolbox today!



EN14624

R134a
R1234yf



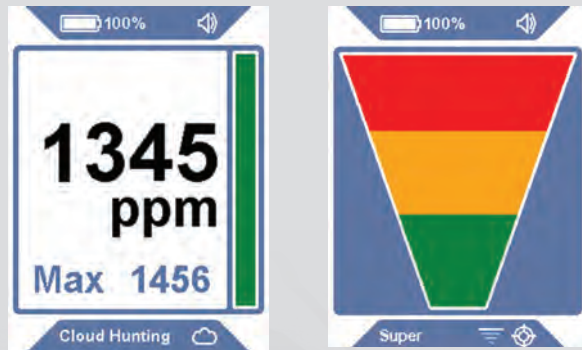
SAE J2791
SAE J2913



ADVANTAGES

- Detects R134a and R1234yf
- PPM, automatic and manual zero modes
- Meets all SAE standards for automotive AC leak detection
- Infrared sensor – Minimizes false alarms from common under-hood chemicals
- Infrared sensor with easy field replacement
- Quick charging lithium ion battery
- Compatible with optional CO₂ sensor
- Includes UV inspection light and R1234yf check gauge





DUAL MODES HELP FIND THE LEAK FASTER

Use the new cloud hunting mode (left) to find the area highest in concentration, then switch to classic pinpoint mode (right) to pinpoint the leak.



SPECIFICATIONS

Includes	Infrared sensor Lithium ion battery Spare filters AC wall charger DC car charger Extra-long probe Carrying case Earbuds UV inspection light R1234yf check gauge
Compatible refrigerants	R134a and R1234yf (and all other HFCs, HFOs, and blends) CO ₂ (requires optional CO ₂ sensor)
Sensitivity per EN14624	1 g/yr (R134a) 0.5 g/yr (R1234yf)
Sensitivity for R744 (CO ₂)	0.07 oz./yr. (2 g/yr.) (requires CO ₂ sensor)
Power source	Lithium ion battery (rechargeable) USB (can operate while charging)
Battery life	~8 hours (cloud hunting mode) ~10 hours (pinpoint mode)
Weight	1.10 lb. (500g)
Certifications	CE SAEJ2791 SAEJ2913 EN14624:2012 A2L certified
Patents (pending)	Application #10 2018 206 877.1 Application #18171080.7 Application #10 2018 208 826.8
Probe length (standard probe)	~17 in. (43cm)
Warranty	Two-year

ORDERING INFORMATION

AST300PPM	AST300PPM
Accessories and Replacement Parts	
Earbuds	721-607-G1
TEK-Check™ R134a reference leak	703-080-G10
TEK-Check™ R1234yf reference leak	703-080-G12
Wall charger (US and international)	721-606-G1
12 V (dc) car charger	721-605-G1
Lithium ion battery	721-702-G1
Battery charging cradle	721-610-G1
Battery/cradle combo	721-604-G1
Extra-long probe	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (R134a and R1234yf)	724-701-G1
CO ₂ sensor	724-701-G2
Filter cap	712-705-G1
Filter cartridges	712-707-G1