

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

Li-Ion

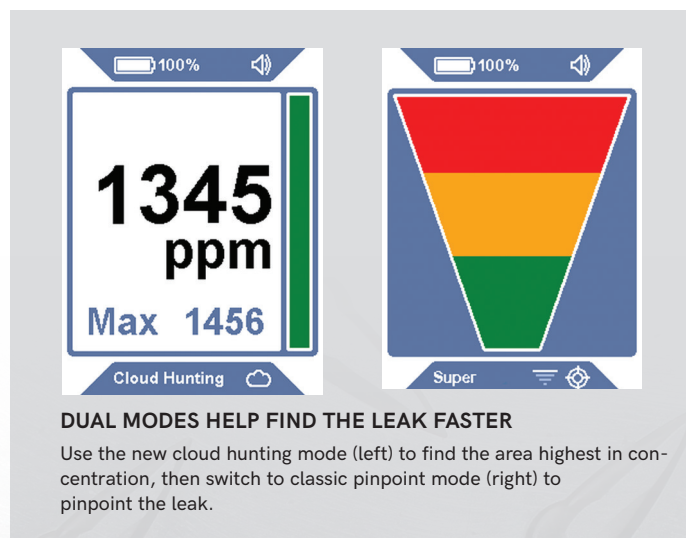
SAE J2791
SAE J2913



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





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 EN14624:2020 A2L certified
Patents	Pat. US 11441969B2 Pat. US 11262296B2 Application #18171080.7
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