

AST200IR

REFRIGERANT LEAK DETECTOR

AST200IR uses years of proven technology making automotive leak detection quick and easy. The quick-charging lithium ion battery and long-lasting infrared sensor make the AST200IR a tool you can rely on to perform, day after day. AST200IR detects R134a, R1234yf, and even CO₂ using the optional CO₂ sensor, so you can be ready for any application. Upgrade your tool box with this accurate and reliable leak detector.



SAE J2791
SAE J2913



EN14624



R134a
R1234yf

Li-Ion

CE
UK
CA



ADVANTAGES

- Detects R134a and R1234yf
- 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 Carrying case 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) Micro USB (can operate while charging)
Battery life	~10 hours
Weight	0.97 lb. (440 g)
Certifications	CE SAEJ2791 SAEJ2913 EN14624:2020 A2L certified
Patents	Pat. US 11262296B2
Probe length	~17 in. (43 cm)
Warranty	Two-year

ORDERING INFORMATION

AST200IR	AST200IR
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 (~27 in. (69cm))	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (Detects CFCs, HCFCs, HFCs, and HFOs)	724-701-G1
CO ₂ sensor	724-701-G2
Filter cap	712-705-G1
Filter cartridges	712-707-G1