



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



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 EN14624:2012 A2L certified |
| Patents (pending) | Application #10 2018 208 826.8 |
| Probe length | ~17 in. (43 cm) |
| Warranty | Two-year |

ORDERING INFORMATION

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|---|-------------|
| 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, HFCs, HFOs) | 724-701-G1 |
| CO ₂ sensor | 724-701-G2 |
| Filter cap | 712-705-G1 |
| Filter cartridges | 712-707-G1 |