AST100FG

FORMING GAS AND HYDROGEN FUEL CELL LEAK DETECTOR

Forming gas (95% nitrogen/5% hydrogen), an inexpensive and readily available gas, can be used to leak check an empty AC system using AST100FG. This saves money and reduces environmental impact compared to leak checking with refrigerant.
AST100FG is also intrinsically safe for use in other applications where flammable or explosive gases are present.

3 YEAR WARRANTY

NRTL LISTED MET US HAZARDOUS LOCATION SAFETY

CE UK CA



MADE IN USA

SPECIFICATIONS	
Includes	Combustible gas sensor Two D-size alkaline batteries Carrying case UV Inspection light
Detects	Hydrogen forming gas Gasoline Natural gas Propane Butane and more
Sensitivity	Forming gas: 7g (0.25 oz.)/year R134a equivalent 5 ppm for methane, propane, isobutane, and hydrogen 1 ppm for gasoline
Power source	Two D-size alkaline batteries (use Duracell® MN1300 to maintain intrinsically safe approval)
Battery Life	25 hours
Weight	1.54 lb. (700 g)
Certifications	CE Intrinsically safe for Class I, Division I, Groups A - D, T4 and II 3G Ex nA nL IIC T4 X as per MET Laboratories Listing #E112145
Probe length	15 in. (38 cm)
Warranty	Three-year

ORDERING INFORMATION	
AST100FG	AST100FG
ACCESSORIES AND REPLACEMENT PARTS	
Sensor	706-700-G1
Forming Gas Charging Kit	746-600-P1

ADVANTAGES

- Detects forming and combustible gases
- Long sensor life
- Certified intrinsically safe
- Includes UV inspection light

TYPICAL APPLICATIONS

- Automotive AC service with forming gas
- Propane forklift leaks
- Hydrogen fuel cell leaks
- Fuel system leaks for gasoline or LNG vehicles