



DESCRIPTION

The ESG4000A Electronic Sightglass gives the AC service technician a real time, non-invasive look inside a refrigerant system. It is an ideal time- saving troubleshooting tool for quickly checking the AC system's charge level and also for detecting defective AC components without the need to connect AC hoses and gauges.

Using ultrasonic technology, the ESG4000A responds and displays virtually in-sync with an actual sight glass as refrigerant changes state from liquid- to a liquid/gas mixture- to a gas. The graphic LCD displays a simulated cross section of the refrigerant tubing with animated circles (simulating bubbles) continually sweeping horizontally across the screen through the tubing- similar to an actual sight glass.

This valuable tool allows the professional AC technician to conduct both preventive maintenance and to quickly solve difficult servicing problems.

FEATURES

- Optimizes refrigerant charge for max. cooling
- Isolates defective AC components
- Aids in adjusting TXV valves
- Isolates clogged accumulator/receiver dryer
- Checks for refrigerant flood back
- Detects starved evaporators
- Maximizes evaporator capacity
- Eliminates the need for an optical sight glass
- Operates on any metal tubing
- Operates using ultrasonic technology
- Includes a rugged carrying case
- Four foot Transducer Sensor cables
- Two year warranty
- **MADE IN USA**



ESG4000A ELECTRONIC SIGHTGLASS Refrigerant Bubble Detector



TYPES OF AC SYSTEMS

- Household and commercial central air conditioners
- Package systems-window air conditioners, room units
- Household and commercial refrigerators and freezers
- Remote and/or split systems
- Mini Split AC Systems
- Automotive EV (electric vehicle) heat pump systems
- All AC heat pump systems
- All Automotive AC Systems

SPECIFICATIONS

Operating Temp Range:	32F to 125F: 0 to 52C
Power Supply Voltage:	4 AA Alkaline Batteries
Display	1.8" Color Graphic LCD
Response Time:	Instantaneous
Tubing Diameter Size	1/8" to 1.25"
Battery Life (continuous)	Approx. 15 hours
Product Size	2.12 x 7.00 x 9.5
Weight	1.6 lbs
Warranty	2 year