

# MINI GAS LEAK DETECTOR

## Model 21-070

### DESCRIPTION

The model 21-070 gas leak detector easily and quickly pinpoints gas leaks emitting from pressurized systems. Using a thermal conductivity detector with signal amplification, the instrument is zeroed in ambient air and responds to any gas mixture with a thermal conductivity different from that of air. The instrument is highly sensitive, having an intrinsically high signal to noise ratio with amplification that provides a maximum usable sensitivity.\*

The model 21-070 can be operated with little or no training. Turn it on, zero, probe for leaks: its that simple. As the instrument probe passes over the leak, a sample is drawn into the conductivity cell. When a leak is discovered a signal is registered on the LED bar graph. No messy soap solution, so system contamination

### CAUTION

This leak detector is NOT designed to be used to determine leaks of combustible gases. It is designed to determine low level leaks of any gas having a different thermal conductivity than air. Utilizing this property it is, therefore, not specific to any gas or vapor. A combustible gas leak detector should be used for determination of combustible gas leaks in possible hazardous conditions.

### SPECIFICATIONS

Detector: thermal conductivity w/thermistors  
Readout: LED bar graph with yellow and red segments  
Line Voltage: 115 V, 60 Hz  
Battery: Rechargeable NiCCd, 7.2 V/800 mAh  
Battery Life: 3.5 hours; may be recharged to 95% in 1 hour  
Dimensions: 3.25" W x 1.75" H x 5.25" L  
Weight: Instrument 1.05 lbs  
Charger 0.61 lbs

### \*SENSITIVITY

Helium  $1.0 \times 10^{-5}$  cc/sec  
Argon  $1.0 \times 10^{-4}$  cc/sec  
CO<sub>2</sub>  $1.0 \times 10^{-4}$  cc/sec  
Refrigerant  $1.0 \times 10^{-4}$  cc/sec

### HOW TO ORDER

Model	Description
21-070	mini gas leak detector
59-050	carrying case

