

## **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  
Dimenstions: 3.25" W x 1.75" H x 5.25" L  
Weight: Instrument 1.05 lbs  
Charger 0.61 lbs

#### **\*SENSITIVITY**

Helium	1.0 x 10 <sup>-5</sup> cc/sec
Argon	1.0 x 10 <sup>-4</sup> cc/sec
COO2	1.0 x 10 <sup>-4</sup> cc/sec
Refrigerant	1.0 x 10 <sup>-4</sup> cc/sec

#### **HOW TO ORDER**

<b>Model</b>	<b>Description</b>
21-070	mini gas leak detector
59-050	carrying case

