

MISCELLANEOUS EQUIPMENT

Gas Detectors

## Bench Models for Non-Flammable Gases



**Description:** These easy-to-operate, versatile leak detectors pinpoint leaks too small to bubble with soap solution. Any gas-filled laboratory apparatus that is subject to leaks can benefit from a leak-free system. Test for leaks at cylinder connections, regulator assemblies, fittings, injector ports, columns, or anywhere else you may suspect a gas leak.

**Note:** These leak detectors are not designed to be used to determine leaks of combustible gases.

### Design Features

**Easy Operation**

little or no training required.

**Versatile**

high/low switch controls sensitivity for detection of very small leaks.

**Rechargeable Battery**

allows portable use for up to four hours.

### Sensitivity

Argon	$1 \times 10^{-5}$ cc/sec .012 cu ft/yr *
Helium	$1 \times 10^{-4}$ cc/sec .011 cu ft/yr *
Carbon Dioxide	$1.1 \times 10^{-4}$ cc/sec .123 cu ft/yr *
Refrigerant	$1.1 \times 10^{-4}$ cc/sec .123 cu ft/yr *
40% Hydrogen, 40% Helium (fuel mixture)	$1 \times 10^{-5}$ cc/sec .012 cu ft/yr *

\* Minimum leak rate to produce 10% deflection of full scale.

### Specifications

<b>Detector</b>	Thermistor-Actuated Thermal Conductivity Cell
<b>Readout</b>	Center Zero meter, Graduated -50 to 0 to +50
<b>Circuitry</b>	Solid State
<b>Pump</b>	Diaphragm-Type, 8V, 55Hz
<b>Line Voltage</b>	Internally Selectable 115/230V,50/60 Hz
<b>Battery</b>	Rechargeable Ni-Cd, 8V

### Ordering Information

Product Number	Description
Y80-21070	Miniature Model