

**SENSIT<sup>®</sup> HXG-2d**  
COMBUSTIBLE GAS DETECTOR



Detect and find gas leaks fast with **SENSIT HXG-2d**

**MADE IN THE USA**  
WITH GLOBALLY SOURCED COMPONENTS

**SENSIT**  
Technologies

Innovative Detection Solutions

[www.gasleaksensors.com](http://www.gasleaksensors.com)

# SENSIT<sup>®</sup> HXG-2d

Combustible gas leak detector with digital display for accurate measurement of gases.

**SENSIT<sup>®</sup> HXG-2d** Combustible gas leak detector is a hand held instrument ideal for detecting and finding the source of natural gas, methane or propane gas leaks.

**SENSIT<sup>®</sup> HXG-2d** incorporates an advanced low power semi-conductor sensor to measure and display combustible gases in parts per million.

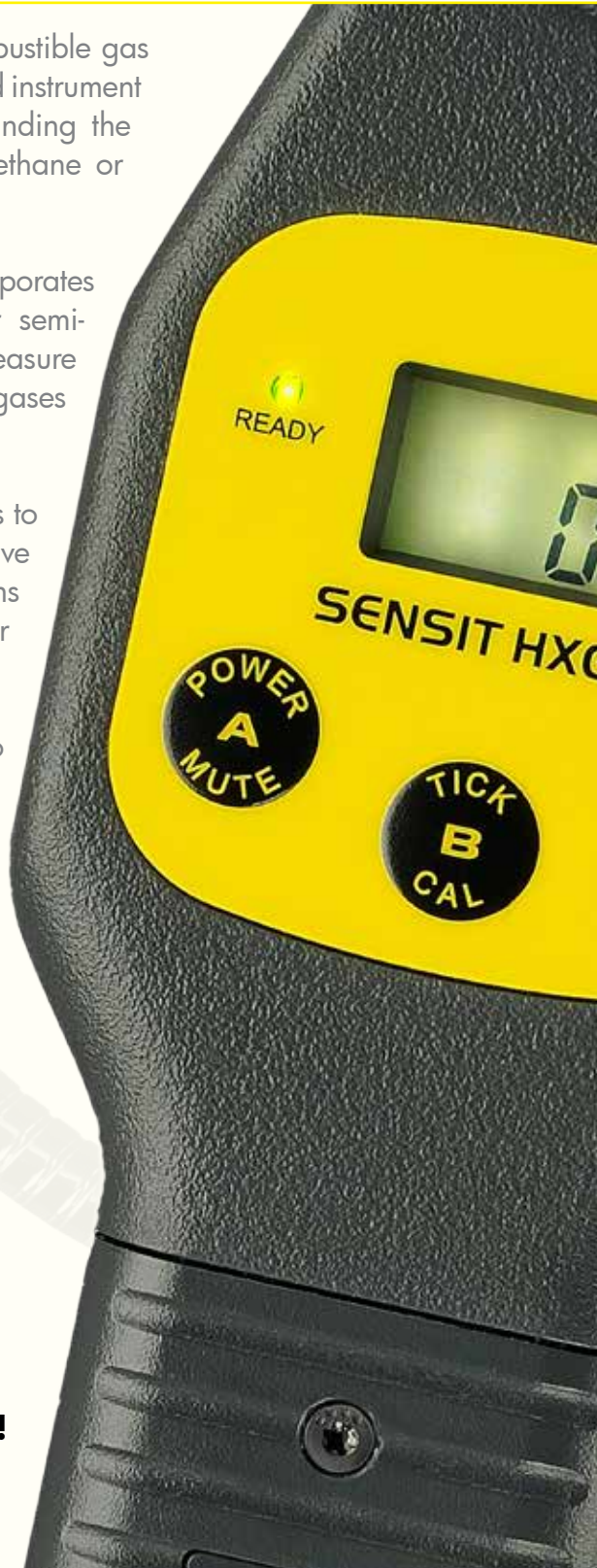
The instrument auto ranges to percent LEL (Lower explosive limit) when concentrations exceed 990 parts per million.

**SENSIT<sup>®</sup> HXG-2d** also features our unique audible tick control that helps find the source of gas leaks fast. The tick can be easily heard through the speaker located in the back of the instrument.

**SENSIT<sup>®</sup> HXG-2d** is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain

**Find Gas Leaks Fast!**



## Standard Features

- Intrinsically Safe Design
- Push-Button Operation
- Field Calibration
- Backlit Display
- Adjustable Alarms
- Long-life, Low-Cost Sensor



## Applications

- Locate Small Gas Leaks
- Area Monitoring
- Gas Leak Surveying
- Gas Line Purging
- Chemical Detection
- Arson / Accelerant Detection



## Partial List of Gases Detected

- |                       |            |
|-----------------------|------------|
| • Acetone             | • Alcohol  |
| • Ammonia             | • Butane   |
| • Ethylene Oxide      | • Gasoline |
| • Halon               | • Hydrogen |
| • Industrial Solvents | • Jet Fuel |
| • Lacquer Thinner     | • Methane  |
| • Natural Gas         | • Propane  |
| • Refrigerants        |            |

The **SENSIT<sup>®</sup> HXG-2d** cannot be used to check for carbon monoxide (CO) leakage.



**TO OPERATE:**

1. Press Power
2. Wait 45 Seconds for Automatic Zeroing
3. Begin to Use

Patent Pending

### SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
LEL	0.1%	0-100% LEL	±10%
PPM*	10ppm	0-990 ppm	±10%

\*PPM Optional

### PRODUCT SPECIFICATIONS

Size:	3.5" x 10" x 1.6" (8.9 x 25 x 4 cm)
Weight:	1.2 lb. (0.544 kg)
Operational Temp:	-4 to 104° F (-20 to 40° C)
Battery Life:	Alkaline: Approximately 50 hrs. Continuous



#### STANDARD KIT

Carrying Pouch  
3 "C" Batteries  
T10 Allen Wrench  
Instruction Manual

#### KIT OPTIONS

Probe Assembly  
Wrist Strap  
Calibration Kit

#### OPTIONAL FEATURES

##### Rechargeable Battery:

NiCad Batteries  
In-Unit Charging  
Universal "Multiple-Country" Charger



710183  
UL 913

Intrinsically Safe for Use in  
Class I, Groups C and D, T3  
Hazardous Locations

AEx ia IIB T3  
IP20  
For use in clean dry areas only.

CE Ex 0891 II 2 G

Ex ib IIB T3 Gb  
IP 20  
ATEX Cert. No. TRAC15ATEX0004X

Only use/store in an area that is clean and dry.

## SENSIT® HXG-2d Instruments

SENSIT HXG-2d  
Part # 906-00000-08

SENSIT HXG-2dr (with Recharger)  
Part # 906-00000-09

## SENSIT® HXG-2d Standard Kit Replacement Parts

Soft Carrying Pouch  
Part # 360-00006

Wrench (T10)  
Part # 360-00105

Sensor Cap with Filter Disc  
Part # 882-00036

Retainer Filter (Filter Replacement)  
Part # 360-00203

Instruction Manual  
Part # 750-00022

## SENSIT® HXG-2d Manual Calibration Kits

Methane Calibration Kit (21 liter 2.5% Methane)  
Part # 881-00017

Propane Calibration Kit (21 liter 1.1% Propane)  
Part # 881-00073

## SENSIT® HXG-2d Replacement Cylinders

2.5% Methane/Air (21 Liter)  
Part # 315-080012

2.5% Methane/Air (221 Liter)  
Part # 315-180013

1.1% Propane/Air (21 Liter)  
Part # 315-080022

1.1% Propane/Air (221 Liter)  
Part # 315-180004



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**MADE IN THE USA**  
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SENSIT Technologies  
is in compliance with ISO 9001:2008



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