

Preliminary

# G460 Multi-gas Detector

## Exceptional Multi-gas Performance



- Compact and robust 1 to 6 gas design
- 3 year warranty on O<sub>2</sub>, LEL, H<sub>2</sub>S, CO and COSH sensors
- PID available for VOC measurement
- Optional motorized pump operates in diffusion or sample-draw mode
- Highly water resistant (IP 67)
- Top-mounted, back-lit, three color graphic display
- Bright, flashing LED alarms visible from 360° and loud 103 dB buzzer
- Optional built-in "flash light" LEDs
- Event and datalogging standard

**W. H. COOKE & CO., INC.**  
6868 YORK RD.  
P.O. BOX 893  
HANOVER, PA 17331  
PH: 717-630-2222 • FAX 717-637-9999  
[www.whcooke.com](http://www.whcooke.com)

Worldwide manufacturer of gas detection solutions



**GfG Instrumentation**



# G460 Multi-gas Detector

## Compact and rugged design

The durable G460 continuously measures and displays readings for up to six gases at the same time. The robust and watertight (IP 67) housing incorporates a built-in concussion proof boot to survive the toughest environments.

## Easy operation

A single on/off button is all it takes for normal day to day operation. A simple three button interface provides access to advanced setup options. Calibration adjustment is completely automatic; just attach the calibration adapter and apply gas. The instrument automatically makes adjustments and retains the three most recent calibration dates for each sensor.

## Motorized sampling pump

The motorized pump includes a built-in slide-shutter switch that permits operation in either diffusion or sample-draw mode while the pump is attached. The easily attachable pump is powered by its own battery pack that provides 20 hours of continuous sampling from up to 100 feet away.



## Widest range of sensors

G460 detectors are available for use with a wide range of long-lasting, interchangeable smart-sensors for LEL, O<sub>2</sub>, H<sub>2</sub>S, CO, NH<sub>3</sub>, SO<sub>2</sub>, Cl<sub>2</sub>, PH<sub>3</sub>, NO<sub>2</sub>, HCN, ETO, ClO<sub>2</sub>, HF, O<sub>3</sub>, NO and H<sub>2</sub>. Infrared (NDIR) sensors for the direct measurement of CO<sub>2</sub>, and photoionization detectors (PID) for the measurement of volatile organic chemical (VOC) hazards are also available.

## Lifetime warranty

The G460 carries a lifetime warranty on nonconsumable components and a two-year warranty on consumable components. O<sub>2</sub>, LEL, H<sub>2</sub>S, CO and COSH sensors carry a full three-year warranty against failure.

## Standard datalogging

The G460 automatically stores complete results for the most recent 55 hours of monitoring. Any periods during which readings exceed the alarm thresholds are stored as "events" in the permanent on-board memory. Downloading logged information to generate reports and graphs of your monitoring results is easy and automatic with a simple to use data transfer cable.



## Innovative, easy to read displays and alarms

The large, easy to read, three-color display changes color to indicate the severity of the alarm; the backlight color changes from green for "OK" to orange or red for an alarm. The loud audible alarm (103 dB at 12"), built-in vibrator and bright 360° LED alarm indicators alert users to hazardous conditions. The backlit display can be "flipped" 180° or "zoomed" at the push of a button for even easier reading.



## Interchangeable battery packs

Interchangeable alkaline and rechargeable (NIMH) battery packs provide up to 25 hours of continuous operation. The drop-in cradle charger fully charges a depleted battery pack in less than 4 hours. The cradle includes LEDs to indicate fast charge / trickle charge status.

## Built-in "flash light" LEDs

G460 detectors can optionally be equipped with built-in high intensity "flash light" LEDs.

## G460

### Dimensions

2.5 x 4.3 x 2.0 inches (90 x 140 x 55 mm)

### Weight

10 oz. (280 g) with O<sub>2</sub>/LEL/CO/H<sub>2</sub>S sensors,  
14 oz. (380 g) with IR CO<sub>2</sub> or PID

### Power

2 AA alkaline batteries or rechargeable NiMH pack

### Operation time

Up to 24 hours of continuous operation with LEL and toxic sensors; up to 10 hours with IR CO<sub>2</sub> or PID sensors

### Charging time

Less than 4 hours

### Ambient conditions

-4° to +122°F (-20° +55°C); 5 - 95% RH

### Certifications

IECEX and CSA pending  
CE (EN 89/336/EWG)

# Technical Data

**W. H. Cooke & Co., Inc.** Manufacturer of thermocouples & RTD's Made in the USA  
Supplier of industrial controls, heaters, and sensors since 1963

sales@whcooke.com

717-630-2222