



**GfG Instrumentation, Inc.**

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November, 2016

Introducing G888 and G999 multi-gas monitors from GfG

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**GfG Instrumentation**



*World-wide manufacturer of gas  
detection solutions*



**GfG Instrumentation**

*Exceptional designs with best cost of ownership in the gas detection industry*



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**Introducing the latest multigas detectors from GfG Instrumentation**

*G888: compact, one-to-six gas atmospheric monitor*

*G999: compact, one-to-six gas atmospheric monitor with internal motorized pump*



**Introducing the G888 personal atmospheric monitor**

**Compact size!**

*Up to 6 gases in an instrument smaller than most 4 gas personal instruments*

**Rechargeable battery pack provides up to 24 hours continuous operation**

*Safe and dependable nickel metal hydride (NiMH) battery technology*

*No concerns from dangerous Li-ion batteries*



**Compact size!**

*Almost one third smaller than G450 and G460*

*Smaller than most 4 gas personal instruments!*



## Introducing the G999 atmospheric monitor

*Internal motorized pump for continuous sampling from remote locations*

*Sample from locations up to 100m or more away from instrument*

*Slide on-off pump switch allows instrument to be operated in either diffusion or pumped operation*

*Compact size means G999 can be used as personal monitor*



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## G888 battery packs based on safe and proven nickel metal hydride (NiMH) technology

*NiMH batteries provide up to 24 hours of continuous operation*

*NiMH batteries provide excellent cycle life and low temperature performance*

*Typical run-time after two years for properly maintained NiMH battery packs is usually around 16 hours*

*No concerns due to dangerous Li-ion batteries*

*No runaway charging or flammability issues*



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### Three color "Traffic Signal" display

Back lit, three-color, full graphics LCD

Top mounted display with wrap around (360°) LED alarm indicator

LCD includes flip and zoom function

Rugged, double shot molded housing includes integral rubberized boot

Durable high tension steel alligator belt clip



### Easy to use!

Operation identical to other GfG instruments

Calibration easy and automatic

DS-400 Docking Station works with new G888 and G999

All you need to do is install a new cradle and update the firmware in your existing docking station

Same cradle works for both G888 and G999

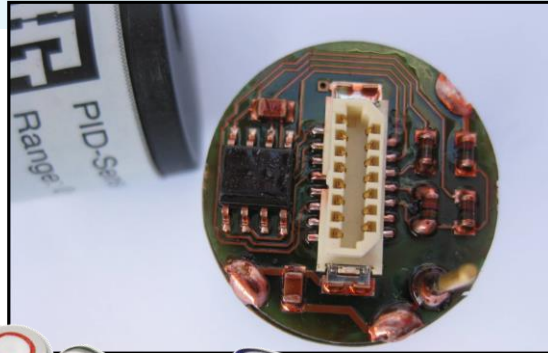




## GfG "Smart Sensors"

*Flexible "smart sensor" approach allows use of widest range of available sensors from multiple sensor manufacturers*

*GfG proprietary combustible (pellistor) and infrared sensors offer unrivalled accuracy, stability and longevity*



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## Realtime wireless communication

*Optional radio frequency (RF) transmitter*

*Realtime wireless communication of readings and alarms*

*Sophisticated wireless "Man down" alarm provides immediate information of movement and horizontal attitude of worker*

*Powerful transmitter provides over 1km direct line of sight communication*

*License free ISM band operation*

*Digital repeater transmitters allow extended transmission distance*



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**Wirelessly integrated fixed and portable systems**

Fixed gas transmitters equipped with WILAN or ISM RF gateways

Realtime readings from fixed and portable instruments displayed on same monitor or PLC

**GMA200 Visualization Software**  
 Comprehensive system information via digital gateway – Overall system view

The screenshot shows the GMA200 Visualization Software (V.1.0.3) interface. It features a navigation pane on the left with a tree view showing Gateways 1, 2, and 3, and their respective sub-gateways. The main area displays an 'Overall view' with four data tables, each representing a different gateway. Each table has columns for ID, Description, Measurement (mg/L or ppm), Details, and Address. The data is organized into a grid with alternating yellow and white rows.

www.GfG.biz  
 17.02.2015 17:40:54  
 online

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## GMA200 Visualization Software

Overall system view with high alarm (alarm 2) condition

The screenshot shows the GMA200 Visualization Software interface. The main window is titled 'Overall view' and displays data for four gateways:

- Gateway 1: Tradehow (Bus-Addr: 1)**

MP Description	Measuring Unit	Unit	Details	Alarm
1	PROXIM-CO2	0.0	NUL-CO4	
2	PROXIM-CO2	0.0	NUL-CO4	
3	PROXIM-CO2	0.0	NUL-CO4	
4	PROXIM-CO2	0.0	NUL-CO4	
5	PROXIM-CO2	0.0	NUL-CO4	
6	PROXIM-CO2	0.0	NUL-CO4	
7	PROXIM-CO2	0.0	NUL-CO4	
8	PROXIM-CO2	0.0	NUL-CO4	
9	PROXIM-CO2	0.0	NUL-CO4	
10	PROXIM-CO2	0.0	NUL-CO4	
11	PROXIM-CO2	0.0	NUL-CO4	
12	PROXIM-CO2	0.0	NUL-CO4	
13	PROXIM-CO2	0.0	NUL-CO4	
14	PROXIM-CO2	18.11	vol% CO2	Hi Alarm 1, Hi2 Alarm 2
15	PROXIM-CO2	0.0	NUL-CO4	
16	PROXIM-CO2	0.0	NUL-CO4	
- Gateway 1: GWZ 1.2 (Bus-Addr: 2)**

MP Description	Measuring Unit	Unit	Details	Alarm
1	MPX1-CO2	0.0	NUL-CO4	
2	MPX1-CO2	0.0	NUL-CO4	
3	MPX1-CO2	0.0	NUL-CO4	
4	MPX1-CO2	0.0	NUL-CO4	
5	MPX1-CO2	0.0	NUL-CO4	
6	MPX1-CO2	0.0	NUL-CO4	
7	MPX1-CO2	0.0	NUL-CO4	
8	MPX1-CO2	0.0	NUL-CO4	
9	MPX1-CO2	0.0	NUL-CO4	
10	MPX1-CO2	0.0	NUL-CO4	
11	MPX1-CO2	0.0	NUL-CO4	
12	MPX1-CO2	0.0	NUL-CO4	
13	MPX1-CO2	0.0	NUL-CO4	
14	MPX1-CO2	0.0	NUL-CO4	
15	MPX1-CO2	0.0	NUL-CO4	
16	MPX1-CO2	0.0	NUL-CO4	
- Gateway 1: GWZ 1.1 (Bus-Addr: 3)**

MP Description	Measuring Unit	Unit	Details	Alarm
1	MPX1-CO2	0.0	NUL-CO4	
2	MPX1-CO2	0.0	NUL-CO4	
3	MPX1-CO2	0.0	NUL-CO4	
4	MPX1-CO2	0.0	NUL-CO4	
5	MPX1-CO2	0.0	NUL-CO4	
6	MPX1-CO2	0.0	NUL-CO4	
7	MPX1-CO2	0.0	NUL-CO4	
8	MPX1-CO2	0.0	NUL-CO4	
9	MPX1-CO2	0.0	NUL-CO4	
10	MPX1-CO2	0.0	NUL-CO4	
11	MPX1-CO2	0.0	NUL-CO4	
12	MPX1-CO2	0.0	NUL-CO4	
13	MPX1-CO2	0.0	NUL-CO4	
14	MPX1-CO2	0.0	NUL-CO4	
15	MPX1-CO2	0.0	NUL-CO4	
16	MPX1-CO2	0.0	NUL-CO4	
- Gateway 2: GMA No. 1 (Bus-Addr: 1)**

MP Description	Measuring Unit	Unit	Details	Alarm
1	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
2	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
3	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
4	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
5	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
6	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
7	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
8	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
9	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
10	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
11	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
12	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
13	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
14	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
15	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2
16	CO2-CO2	11.1	NUL-CO4	Hi2 UR, Hi2

The Log window at the bottom shows a message: "17.02.2015 17:58:58 Alarm 2 at Gateway 1, GMA Tradehow, Transmitter Probst.22 CO2".

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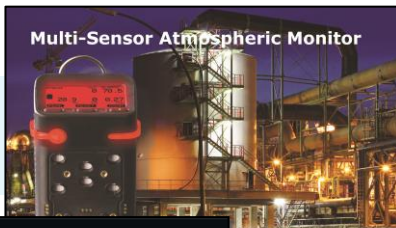


## www.Goodforgas.com website

The screenshot shows the homepage of the Goodforgas website. The header includes the GF logo, the text 'GF Instrumentation WORLDWIDE MANUFACTURER OF GAS DETECTION SOLUTIONS', and contact information: 'SUPPORT 800 959 0329', 'TRANSLATE', and 'PARTNER LOGIN'. The main navigation menu includes 'HOME', 'ABOUT', 'PRODUCTS', 'SUPPORT', 'NEWS', and 'CONTACT'. A large banner features the text 'Durable, Compact Smart Sensor Design' and 'PORTABLE EQUIPMENT'. Below the banner, there are sections for 'PORTABLE GAS MONITORS' and 'GF PRODUCT SEARCH'. The 'PORTABLE GAS MONITORS' section displays four product images: 'MICRO IV SINGLE GAS DETECTOR', 'G300 SINGLE GAS DETECTOR', 'G450 4 GAS MULTI-GAS DETECTOR', and 'G480 16 GAS MULTI-GAS DETECTOR'. The 'GF PRODUCT SEARCH' section includes a search bar and a 'Search' button. The 'GF PRODUCTS' section lists 'PORTABLE GAS MONITORS', 'MULTI GAS DETECTORS', and 'RESPIRATORY AIR MONITORS'. The footer shows the Windows taskbar with various application icons.



Sales Support:  
[www.Goodforgas.com](http://www.Goodforgas.com)



- Data sheets
- Price lists
- Manuals
- Application Notes
- Product images
- Print ads...and more!

**G460 Multi-gas Detector**

**Operations Manual**

**Choosing the best detection technologies for measuring combustible gas and VOC vapors**

**Confined Space performance**

www.gfg-inc.com

The G460 Multi-gas Detector is a handheld device with a color display and multiple sensors. It is designed for use in confined spaces and for measuring combustible gas and VOC vapors. The manual provides detailed instructions on how to use the device and how to interpret the data. The article discusses the different detection technologies available and how to choose the best one for your application. The confined space performance section highlights the device's ability to detect low levels of gas and its long battery life.

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Questions?

Thank you!



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