

Worldwide manufcaturer of gas detection solutions



TR 1003: G450 and G460 Multi-gas detectors

Overview of features and benefits

January 28, 2013



## GfG Instrumentation

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## G450 / G460 Overview of features and capabilities



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Technical documentation and download site:

www.goodforgas.com



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TR 1003: G450 / G460 features and capabilities

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# Overview of G450 / G460 Features January 28, 2013 TR 1003: G450 / G460 features and capabilities Slide 2

### G450 Confined Space Gas Detector

- · One to four sensors
- · Full 3-year warranty on all sensors
- · Optional 6-year warranty on all sensors
- O2 sensor rated for continuous use in
   30°C temperatures
- Interchangeable reechargeable (NiMH) or alkaline battery packs last 25 hours per charge
- Super durable IP-67 water resistant design
  - Only \$695.00 USD list price (alkaline)
  - Only \$745.00 USD list price (rechargeable)





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### G460 Multi-gas Monitor

- · Up to SEVEN channels detection
- Comprehensive range of interchangeable smart sensors:
  - LEL, O2, CO, H2S: 3-year warranty
  - Infrared combustible gas: 3-year warranty
  - Infrared CO2: 3-year warranty
  - Most other substance-specific EC toxic: 2-year warranty
  - PID lamp: 1-year warranty



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### **G450 Confined Space Gas Detector** Six-year Extended Sensor Warranty Program Optional 6-year extended sensor warranty G450 / G460 Optional 6-year Sensor Warranty How does the extended sensor warranty work? 3-year warranty on O2, LEL, CO and H2S sensors GfG Instrumentation offers the longest sensor warranty in the history of gas detection! still standard Standard lifetime warranty on instrument 6-year sensor warranty option available for additional \$250.00 at time of purchase **GfG Instrumentation**

### G450 / G460 Optional 6-year Sensor Warranty

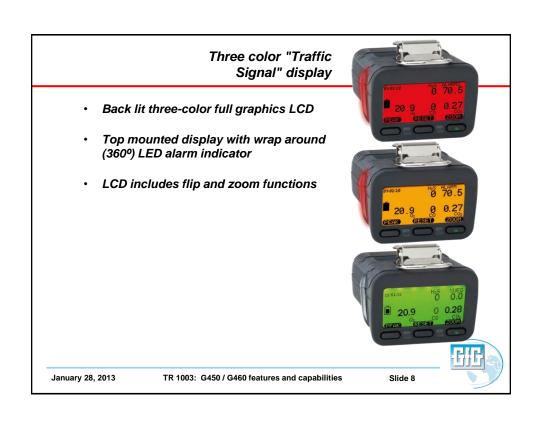
Product		MSA Altair 4X		ISC MX4		BW Quattro		X-am 2000		GfG G450		
List price of rechargeable 4 channel instrument		\$915.00		\$695.00		\$745.00		\$805.00		\$745.00		
Standard & price	l sensor warranty											
	LEL	3-year	\$210	2-year	\$220	2-year	\$185	3-year	\$175	3-year	\$100*	
	Oxygen	3-year	\$180	2-year	\$165	2-year	\$135	5-year	\$145	3-year	\$100*	
	со	NA	NA	2-year	\$275	2-year	\$200	5-year	\$145	3-year	\$100*	
	H <sub>2</sub> S	NA	NA	2-year	\$275	2-year	\$150	5-year	\$145	3-year	\$100*	
	COSH	3-year	\$210	NA	NA	NA	NA	NA	NA	NA		
Three year cost of owner- ship		\$895.00		Between \$860.00 and \$1,630.00**		Between \$880.00 and \$1,415.00***		\$805.00		\$745.00		
Extended warranty option:		Yes		No		No		No		Yes		
	How long? 1-year additional How much? \$315.00		1-year additional		NA		NA		NA		3-year additional	
				NA		NA		NA		\$250.00		
Total cost of ownership with extended warranty		\$1,230.00 (4-years)		NA		NA		\$980.00 (5-year)****		\$995.00 (6-years)		
Total six year cost of own- ership		\$1,515.00 (6-years)		Between \$1,795.00 and \$2,565.00 (6-years)		Between \$1,550.00 and \$2,085.00 (6-years)		Between \$980.00 and \$1,475.00 (6-years)		\$995.00 (6-years)		

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### Rugged design

- Rugged, double shot molded housing includes integral rubberized boot
- Durable high tension steel alligator belt clip



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### G450 / G460 Multi-Gas Detector

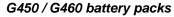
- Interchangeable rechargeable (NiMH) or alkaline battery packs last up to 25 hours per charge
- Top-mounted, three color, full graphics LCD
- Durable IP-67 water resistant design
- O2 sensor rated for continuous use in –30°C temperatures



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- Interchangeable rechargeable (NiMH) and alkaline battery packs last up to 25 hours
- NiMH batteries provide excellent cycle life and low temperature performance
- NiMH battery packs warranted for 2-years
- Typical run-time after two years for properly maintained NiMH battery packs is usually around 16 hours

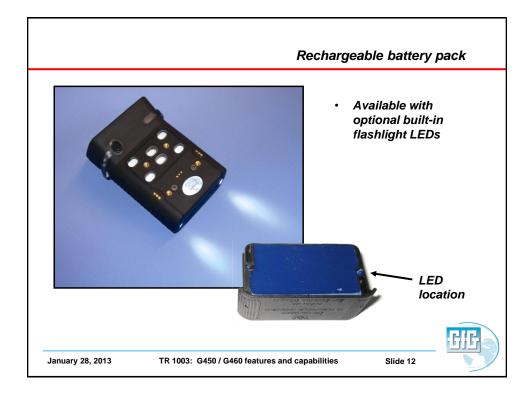


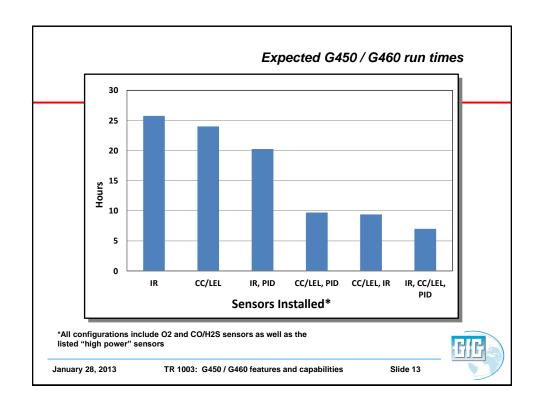


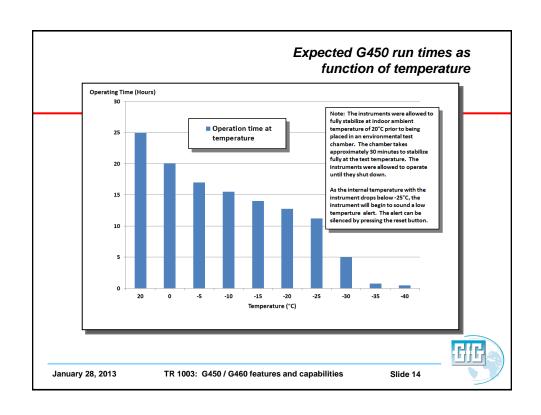
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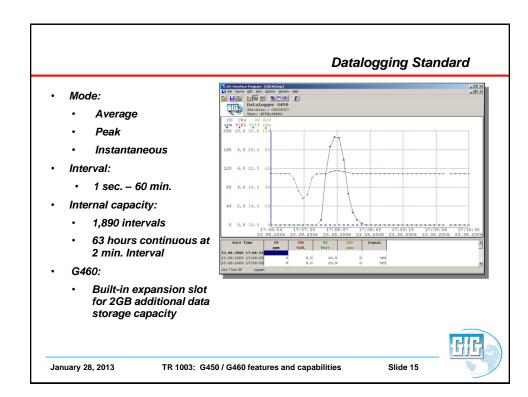
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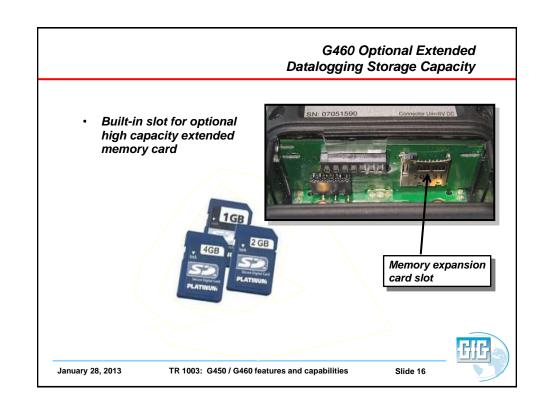
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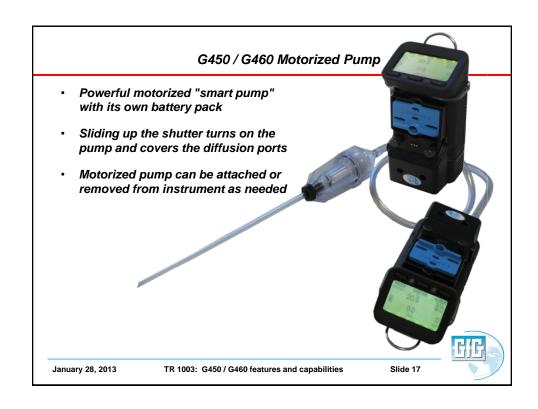


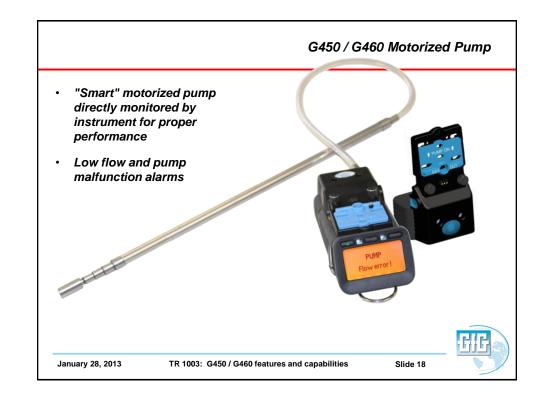




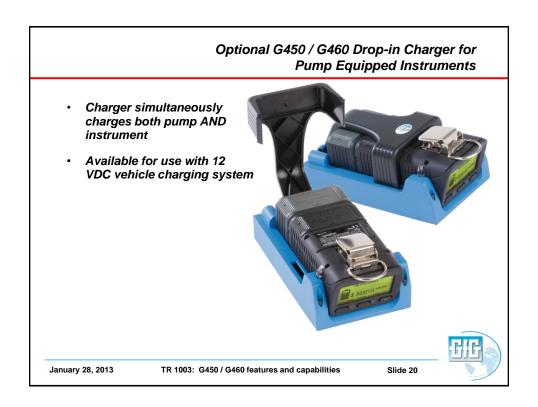








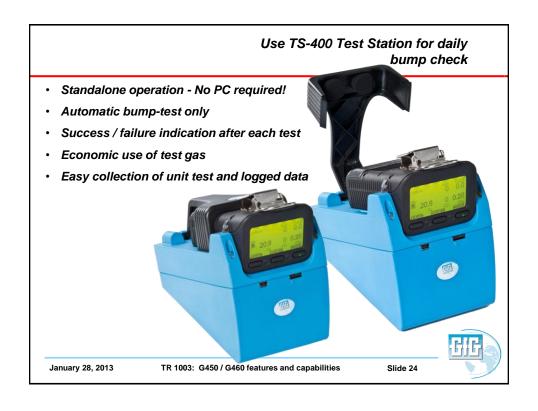




## G450 / G460 Five-Unit Multi-Charger • Five instrument multi-charger January 28, 2013 TR 1003: G450 / G460 features and capabilities Slide 21







## Use DS400 Docking Station for daily bump check and / or periodic calibration

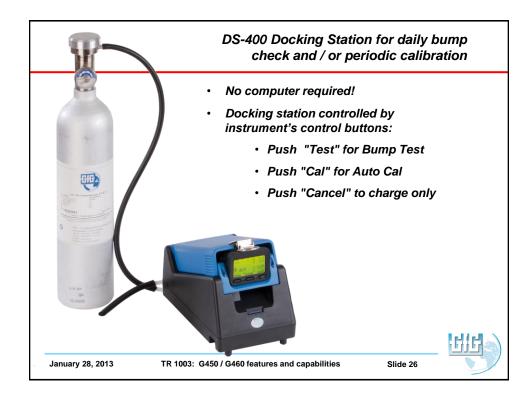


- Standalone operation:
- No PC required
- Automatic bump-test
- Automatic span calibration
- Success / failure indication after each test
- Economic use of test gas
- Easy collection of unit test and logged data
- Reduced maintenance cost

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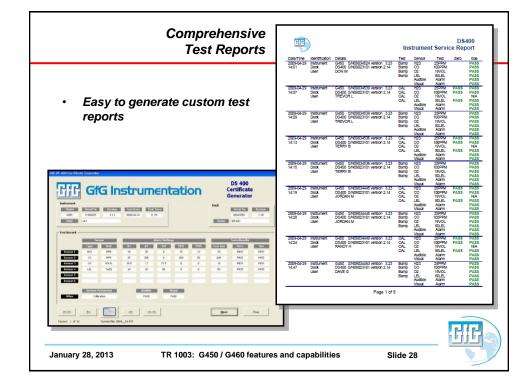


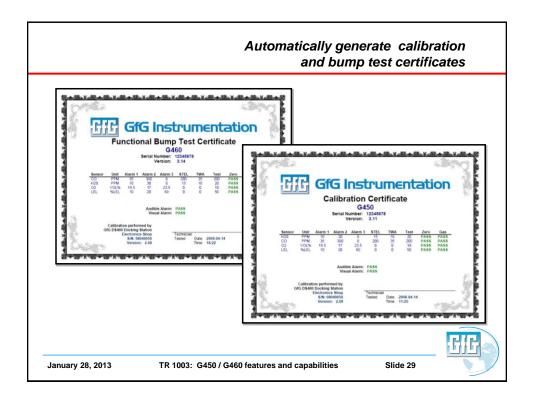


DS-404 Multi-inlet Docking Station for bump check and periodic calibration

- Inlets for 4 cylinders of gas
- Automatic Bump and Cal for 5, 6 and 7 channel instruments
- Supports:
  - Quad mix (O<sub>2</sub>, LEL, CO, H<sub>2</sub>S)
  - 5-mix with SO<sub>2</sub>
  - 5-mix with CO<sub>2</sub>
  - Isobutylene
  - **HCN**
  - $NO_2$
  - And other individual gases

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## Accessories included with every instrument

- Instrument with CO, H<sub>2</sub>S, LEL and O<sub>2</sub> sensors (installed)
- Operations manual
- · Battery pack (installed)
  - · Rechargeable NiMH or
  - Alkaline
- Charging cradle (when instrument has rechargeable battery pack)
- 110 VAC wall-cube power source
- Calibration adapter



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### Traditional Electrochemical Toxic Gas Sensors

- More types of sensors available every year
- Toxic gas sensors designed to detect target gases at ever lower concentrations





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