

Micro IV Series Single-gas Detector

April
2011



Shown with rubber boot

Features

Features

- Compact design
- Automatic Zero and Span Calibration
- Vibrating Alarm
- Optional Docking Station
- Optional Sample Pump

Datalogging

- Datalogging standard
- Event Logging (60) standard
- IrDA communication

Available Sensors

- O₂
- NH₃
- PH₃
- C₂H₄O (ETO)
- O₃
- HCl
- H₂S
- SO₂
- NO₂
- ClO₂
- NO
- SiH₄
- CO
- Cl₂
- HCN
- HF
- H₂
- COCl₂

Display & Alarms

- Large LCD display
- Real time readout
- 3 Programmable Ceiling Alarms
- STEL readout and alarm
- TWA readout and alarm

Standard Accessories

- Micro IV detector
- Specified Sensor
- Alkaline Battery
- Rubber Boot
- Manual

Value Kit Configuration

- All standard accessories
- Calibration Adapter
- Calibration Gas
- Fixed Flow Regulator
- ABS Carrying Case



GfG Instrumentation

Instruments						
Part Number	Installed Sensor	Resolution	Range	Price		
				Instrument Only	Value Kit add "K" to part number	
3-Year Sensor Warranty						
1418-022	Oxygen (O ₂)	0.1% / vol.	0 - 25% vol.	\$ 415.00	\$ 755.00	
1418-027	Carbon monoxide (CO) Standard	1 ppm	0 - 300 ppm	\$ 415.00	\$ 725.00	
1418-107	Carbon monoxide (CO)	1 ppm	0 - 1,000 ppm	\$ 415.00	\$ 725.00	
1418-108	Carbon monoxide (CO)	1 ppm	0 - 2,000 ppm	\$ 415.00	\$ 725.00	
1418-105	Carbon monoxide (CO+) Additionally warns of H ₂ S	1 ppm	0 - 300 ppm	\$ 415.00	\$ 725.00	
1418-024	Hydrogen sulfide (H ₂ S) Standard	1 ppm	0 - 100 ppm	\$ 415.00	\$ 840.00	
1418-111	Hydrogen sulfide (H ₂ S)	1 ppm	0 - 500 ppm	\$ 415.00	\$ 840.00	
2-Year Sensor Warranty						
1418-103	Carbon monoxide (CO-H) Reduced H ₂ sensitivity	1 ppm	0 - 300 ppm	\$ 465.00	\$ 785.00	
1418-106	Carbon monoxide (CO-H) Reduced H ₂ sensitivity	1 ppm	0 - 500 ppm	\$ 465.00	\$ 785.00	
1418-153	Chlorine (Cl ₂)	0.1 ppm	0 - 10 ppm	\$ 550.00	\$ 1,145.00	
1418-118	Chlorine dioxide (ClO ₂)	0.01 ppm	0 - 2.00 ppm	\$ 825.00		
1418-122	Ethylene oxide (C ₂ H ₄ O)	0.1 ppm	0 - 20.0 ppm	\$ 800.00		
1418-130	Hydrogen (H ₂)	2 ppm	0 - 2,000 ppm	\$ 690.00	\$ 1,020.00	
1418-131	Hydrogen (H ₂)	0.01% / vol.	0 - 1.00% vol.	\$ 745.00	\$ 1,075.00	
1418-132	Hydrogen (H ₂)	0.01% / vol.	0 - 4.00% vol.	\$ 745.00	\$ 1,075.00	
1418-120	Hydrogen cyanide (HCN)	0.5 ppm	0 - 50.0 ppm	\$ 575.00	\$ 1,190.00	
1418-116	Nitrogen dioxide (NO ₂)	0.2 ppm	0 - 30.0 ppm	\$ 575.00	\$ 1,160.00	
1418-115	Nitric oxide (NO)	1 ppm	0 - 100 ppm	\$ 575.00		
1418-330	Phosphine (PH ₃)	0.05 ppm	0 - 10.00 ppm	\$ 575.00		
1418-114	Sulfur dioxide (SO ₂)	0.1 ppm	0 - 10.0 ppm	\$ 525.00	\$ 970.00	
1-Year Sensor Warranty						
1418-170	Ammonia (NH ₃)	1 ppm	0 - 200 ppm	\$ 650.00	\$ 1,235.00	
1418-126	Hydrogen fluoride (HF)	0.1 ppm	0 - 10.0 ppm	\$ 850.00		
1418-121	Hydrogen chloride (HCl)	0.2 ppm	0 - 30.0 ppm	\$ 850.00	\$ 1,215.00	
1418-165	Ozone (O ₃)	0.01 ppm	0 - 1.00 ppm	\$ 850.00		
1418-123	Silane (SiH ₄)	0.05 ppm	0 - 20.00 ppm	\$ 1,100.00		
6-Month Sensor Warranty						
1418-125	Phosgene (COCl ₂)	0.01 ppm	0 - 2.00 ppm	\$ 880.00		



GfG reserves the right to change part numbers, prices and/or technical information without notice.
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All prices are listed in US dollars.

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Docking Stations

Part Number	Description	Price
1419-204	Single Micro IV calibration and data download station (includes cable and software). Requires fixed flow regulator with on/off knob and tubing	\$ 600.00
1419-201	6-unit Micro IV docking station with power supply, PC interface cable and software. Requires Demand Flow Regulator and tubing	\$ 3,760.00
1419-203	Databank-software for automatic saving of device parameters	On Request

Calibration Kits and Regulators

Part Number	Description	Price
7776-004	Calibration Kit. Includes carrying case, 0.5 lpm fixed flow regulator, calibration adapter and tubing	\$ 275.00
2603-020	Regulator, 0.5 lpm fixed flow with pressure gauge and on/off knob For cylinders with outside thread (34 L steel)	\$ 160.00
2603-025	Regulator, 0.5 lpm fixed flow with pressure gauge and on/off knob For cylinders with inside thread (aluminum and 103 L steel) Not for use with chlorine (HCl or Cl ₂)	\$ 160.00
2603-026	Regulator, 1 lpm fixed flow with pressure gauge and on/off knob For cylinders with inside thread (aluminum and 103 L steel) Required for use with chlorine (HCl and Cl ₂)	\$ 160.00
1419-216	Demand Flow Regulator for disposable cylinders with inside thread (aluminum and 103 L steel)	\$ 420.00
7770-201	Calibration Adapter with tubing	\$ 35.00
7770-201C	Calibration Adapter with tubing for chlorine (HCl and Cl ₂)	\$ 45.00

Please refer to separate section/price sheet for calibration gases

Remote Sampling

Part Number	Description	Price
1318-911	Motorized Sample Draw Pump with tubing and wand	\$ 400.00
7711-004	Manual Hand Aspirator with tubing and wand	\$ 75.00

Miscellaneous

Part Number	Description	Price
1318214	Rubber Boot (top and bottom)	\$ 11.00
1418-EXT6	Extended 6-year sensor warranty (O ₂ , H ₂ S and CO)	\$ 95.00

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Replacement Sensors

Part Number	Installed Sensor	Resolution	Range	Price
3-Year Sensor Warranty				
1318231	Oxygen (O ₂)	0.1% / vol.	0 - 25% vol.	\$ 150.00
1318232	Carbon monoxide (CO) - Standard	1 ppm	0 - 300 ppm	\$ 200.00
1318235	Carbon monoxide (CO)	1 ppm	0 - 1,000 ppm	\$ 200.00
1318018	Carbon monoxide (CO)	1 ppm	0 - 2,000 ppm	\$ 200.00
1318234	Carbon monoxide (CO+) Additionally warns of H ₂ S	1 ppm	0 - 300 ppm	\$ 200.00
1318236	Hydrogen sulfide (H ₂ S) - Standard	1 ppm	0 - 100 ppm	\$ 200.00
2-Year Sensor Warranty				
1318233	Carbon monoxide (CO-H) Reduced H ₂ sensitivity	1 ppm	0 - 300 ppm	\$ 250.00
1318261	Carbon monoxide (CO-H) Reduced H ₂ sensitivity	1 ppm	0 - 500 ppm	\$ 250.00
1318245	Chlorine (Cl ₂)	0.1 ppm	0 - 10 ppm	\$ 350.00
1318154	Chlorine dioxide (ClO ₂)	0.01 ppm	0 - 2.00 ppm	\$ 550.00
1318262	Ethylene oxide (C ₂ H ₄ O)	0.1 ppm	0 - 20.0 ppm	\$ 550.00
1318258	Hydrogen (H ₂)	2 ppm	0 - 2,000 ppm	\$ 440.00
1318260	Hydrogen (H ₂)	0.01% / vol.	0 - 1.00% vol.	\$ 495.00
1318259	Hydrogen (H ₂)	0.01% / vol.	0 - 4.00% vol.	\$ 495.00
1318255	Hydrogen cyanide (HCN)	0.5 ppm	0 - 50.0 ppm	\$ 330.00
1318238	Nitrogen dioxide (NO ₂)	0.2 ppm	0 - 30.0 ppm	\$ 330.00
1318151	Nitric oxide (NO)	1 ppm	0 - 100 ppm	\$ 330.00
1318242	Phosphine (PH ₃)	0.05 ppm	0 - 10.00 ppm	\$ 520.00
1318150	Sulfur dioxide (SO ₂)	0.1 ppm	0 - 10.0 ppm	\$ 275.00
1-Year Sensor Warranty				
1318250	Ammonia (NH ₃)	1 ppm	0 - 200 ppm	\$ 400.00
1318264	Hydrogen fluoride (HF)	0.1 ppm	0 - 10.0 ppm	\$ 605.00
1318249	Hydrogen chloride (HCl)	0.2 ppm	0 - 30.0 ppm	\$ 550.00
1318257	Ozone (O ₃)	0.01 ppm	0 - 1.00 ppm	\$ 550.00
1318243	Silane (SiH ₄)	0.05 ppm	0 - 20.00 ppm	\$ 825.00
6-Month Sensor Warranty				
1318248	Phosgene (COCl ₂)	0.01 ppm	0 - 2.00 ppm	\$ 605.00

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