

# CALIBRATION

Gas Cylinders and Accessories



**Calibration Gas Cylinders and Accessories**  
**Revised July 22, 2020**

**Quad Mixes:**

IFLA0446698	50ppm CO/25 ppm H2S/18% O2/1.62% CH4 ( <b>50% LEL Propane equivalent</b> ) balance N2, 58 L	All Sperian Standard 4-Gas Monitors
IFLA0431638	50ppm CO/25 ppm H2S/18% O2/1.62% CH4 ( <b>50% LEL Propane equivalent</b> ) balance N2, 34 L	All Sperian Standard 4-Gas Monitors
IFLA0446667	50ppm CO/25 ppm H2S/18% O2/1.25% CH4 (25% LEL Pentane equivalent) balance N2, 58 L	Standard 4-gas Monitors, <b>Pentane Equivalent LEL Calibration</b>
IFLA0446460	100ppm CO/25 ppm H2S/18% O2/2.5% CH4 (50% LEL Methane) balance N2, 58 L	All BW/GfG Standard 4-Gas Monitors, BW/GfG Docking Station
IFLA0431536	100ppm CO/25 ppm H2S/18% O2/2.5% CH4 (50% LEL Methane) balance N2, 34 L	All BW/GfG Standard 4-Gas Monitors, BW/GfG Docking Station
IFLA0446389	100ppm CO/25 ppm H2S/ <b>17% O2</b> /2.5% CH4 (50% LEL Methane) balance N2, 58 L	Standard 4-Gas Monitors, has 17% O2
IFLA1077404	100 ppm CO/25 ppm H2S/1.25% CH4 ( <b>50% LEL pentane equivalent</b> )/18% O2, balance N2, 58 L	BW/GfG Standard 4-gas Monitors, same as BW CG-Q58-4JK <b>Pentane Equivalent LEL Calibration</b>
IFLA1074790	50ppm CO/25 ppm H2S/18% O2/2.5% CH4 balance N2, 58 L	Standard 4-Gas Monitors
IFLA1074791	50ppm CO/ <b>20 ppm H2S</b> /18% O2/2.5% CH4 balance N2, 58 L	4-Gas Monitors, <b>20 ppm H2S</b>
IFLA0925988	200ppm CO/ <b>20 ppm H2S</b> /18% O2/2.5% CH4 balance N2, 34 L	4-Gas Monitors (GfG Standard Cal Gas) <b>20 ppm H2S</b>
IFLA1074792	200ppm CO/25 ppm H2S/18% O2/2.5% CH4 balance N2, 58 L	4-Gas Monitors
IFLA0445957	60ppm CO/20 ppm H2S/ <b>15% O2</b> /1.45% CH4 (58% LEL Pentane equivalent) balance N2, 58 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b>	MSA Standard 4-Gas Monitors
IFLA0431321	60ppm CO/20 ppm H2S/ <b>15% O2</b> /1.45% CH4 (58% LEL Pentane equivalent) balance N2, 34 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b>	MSA Standard 4-Gas Monitors
IFLA0444820	300ppm CO/10 ppm H2S/ <b>15% O2</b> /1.45% CH4 (58% LEL Pentane equivalent) balance N2, 58 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b>	MSA
IFLA0446770	50 ppm CO/25 ppm H2S/2.5% CH4 (50% LEL Methane)/ <b>12% O2</b> /balance N2, 58L	RKI Standard 4-Gas Monitors
IFLA0445316	10 ppm NO2/60 ppm CO/1.45% CH4 (58% LEL Pentane equivalent)/ <b>15% O2</b> /balance N2, 58 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b> <b>***6 MONTH SHELF LIFE***</b>	Monitors with LEL/O2/CO/NO2 sensors (Mining application) Same as MSA mix.

IFLA0430909	10 ppm NO2/60 ppm CO/1.45% CH4 (58% LEL Pentane equivalent)/ <b>15% O2</b> /balance N2, 34 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b> <b>***6 MONTH SHELF LIFE***</b>	Monitors with LEL/O2/CO/NO2 sensors (Mining application) Same as MSA mix.
IFLA0967361	100 ppm CO/25 ppm H2S/25% LEL Pentane/18% Oxygen/balance N2, 58 L	ISC Monitors
IFLA1073753	100 ppm CO/25 ppm H2S/25% LEL Pentane/18% Oxygen/balance N2, 34 L	ISC Monitors
IFLA0444921	50 ppm CO/10 ppm H2S/2.5% CH4 (50% LEL Methane), 18% Oxygen/balance N2, 58 L	RAE Monitors
IFLA0446305	100 ppm CO/25 ppm H2S/1% Propane (50% LEL)/18% O2/balance N2, 58 L	4-Gas Monitors, Propane Equivalent LEL Calibration
IFLA0893107	5 ppm NO2/100 ppm CO/2.5% CH4 (50% LEL)/18% O2/balance N2, 58 L <b>***6 MONTH SHELF LIFE***</b>	4-Gas Monitors with NO2
IFLA1072699	5 ppm NO2/100 ppm CO/0.35% Pentane (25% LEL)/ <b>19% O2</b> /balance N2, 58 L <b>***6 MONTH SHELF LIFE***</b>	4-Gas Monitors with NO2, Pentane LEL Calibration (19% O2)
IFLA1166215	5 ppm NO2/100 ppm CO/0.35% Pentane (25% LEL)/18% O2/balance N2, 58 L <b>***6 MONTH SHELF LIFE***</b>	4-Gas Monitors with NO2, Pentane LEL Calibration (18% O2)
IFLA0445305	10 ppm NO2/100 ppm CO/2.5% Methane (50% LEL)/ <b>17% O2</b> /balance N2, 58 L <b>***6 MONTH SHELF LIFE***</b>	4-Gas Monitors with NO2
IFLA0445742	15 ppm NO2/500 ppm CO/2.5% Methane (50% LEL)/ <b>15% O2</b> /balance N2, 58 L <b>***6 MONTH SHELF LIFE***</b>	4-Gas Monitors with NO2

**Industrial Scientific Quad/5 Gas Mixes with iGas Card, for use with ISC Docking Stations**

ISC18109191	100 ppm CO/25 ppm H2S/25% LEL Pentane/18% Oxygen/balance N2, 34 L	
ISC18109155	100 ppm CO/25 ppm H2S/25% LEL Pentane/18% Oxygen/balance N2, 58 L	
ISC18109157	100 ppm CO/25 ppm H2S/25% LEL Pentane/18% Oxygen/balance N2, 116 L	
ISC18109178	100 ppm CO/5 ppm NO2/25% LEL Pentane/18% Oxygen/balance N2, 58L <b>***6 MONTH SHELF LIFE***</b>	
ISC18109236	100 ppm CO/5 ppm NO2/25% LEL Pentane/18% Oxygen/balance N2, 116L <b>***6 MONTH SHELF LIFE***</b>	
ISC18109222	100 ppm CO/25 ppm H2S/5 ppm SO2/25% LEL Pentane/18% Oxygen/balance N2, 58 L	
ISC18109220	100 ppm CO/25 ppm H2S/5 ppm SO2/25% LEL Pentane/18% Oxygen/balance N2, 116 L	

**MSA Quad/5 Gas Mixes with RF Collar, for use with GX2 & Electronic Cylinder Holder**

- MSA10048280 60ppm CO/20 ppm H2S/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 34 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**
- MSA10045035 60ppm CO/20 ppm H2S/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 58 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**
- I10058036 60ppm CO/10 ppm NO2/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 34 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration  
\*\*\*6 MONTH SHELF LIFE\*\*\***
- I10058034 60ppm CO/10 ppm NO2/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 58 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration  
\*\*\*6 MONTH SHELF LIFE\*\*\***
- MSA10098855 10 ppm SO2/60ppm CO/20 ppm H2S/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 34 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**
- MSA10117738 10 ppm SO2/60ppm CO/20 ppm H2S/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 58 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**
- MSA10150622 10 ppm SO2/60ppm CO/20 ppm H2S/15% O2/1.45% CH4  
(58% LEL Pentane equivalent) balance N2, 116 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**

**Five-Component Levitt Mixtures:**

- IFLA0445458 10 ppm SO2/25 ppm H2S/100 ppm CO/2.5%  
CH4 (50% LEL)/18% O2/balance N2, 58 L  
Monitors with LEL/O2/CO/H2S/SO2  
sensors (Range of SO2 sensor must  
be higher than 10 ppm unless gas is just  
used for function test or for GfG 460)
- IFLA0919815 5 ppm SO2/25 ppm H2S/100 ppm CO/2.5%  
CH4 (50% LEL)/18% O2/balance N2, 58 L  
Monitors with LEL/O2/CO/H2S/SO2  
sensors, Range of SO2 0-10 ppm
- IFLA0445441 10 ppm SO2/20 ppm H2S/60 ppm CO/1.45%  
CH4/15% O2/balance N2, 58 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**  
Monitors with LEL/O2/CO/H2S/SO2  
(Same as MSA)
- IFLA0430989 10 ppm SO2/20 ppm H2S/60 ppm CO/1.45%  
CH4/15% O2/balance N2, 34 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**  
Monitors with LEL/O2/CO/H2S/SO2  
(Same as MSA)
- IFLA0444831 10 ppm H2S/2.5% CO2/300 ppm CO/1.45%  
CH4/15% O2/balance N2, 34 L  
**Note: LEL sensor must be calibrated to 58%  
LEL for pentane equivalent calibration**  
Monitors with LEL/O2/CO/CO2/H2S  
(MSA)

Page 4:

IFLA1074518	5 ppm SO2/25 ppm H2S/100 ppm CO/25% LEL Pentane/18% O2/balance N2, 58 L	ISC with SO2
IFLA1074273	10 ppm SO2/25 ppm H2S/100 ppm CO/25% LEL Pentane/18% O2/balance N2, 116 L	ISC with SO2

**Three-Component Mixtures:**

IFLA0440268	50 ppm CO/50% LEL CH4/18% O2/balance N2, 103 L	Monitors with LEL/O2/CO sensors
IFLA0438156	100 ppm CO/2.5% CH4 (50% LEL Methane)/ <b>17% O2</b> /balance N2, 103 L	Monitors with LEL/O2/CO sensors that require 100 ppm CO (GfG etc)
IFLA0918558	100 ppm CO/2.5% CH4 (50% LEL Methane)/18% O2/balance N2, 103 L	Monitors with LEL/O2/CO sensors that require 100 ppm CO (GfG etc.)
IFLA0892806	50 ppm CO/1.62% CH4 (Propane Equivalent)/18% O2/balance N2, 103 L	Sperian Monitors with LEL/O2/CO sensors
IFLA0438127	100 ppm CO/1% (50% LEL) Propane/ <b>17% O2</b> /balance N2, 103 L	Monitors with LEL/O2/CO, Propane LEL Calibration
IFLA0446869	25 ppm H2S, 50 ppm CO, 2.5% CH4 (50% LEL Methane) Balance Air, 58 L	Monitors with LEL/CO/H2S
IFLA0446531	25 ppm H2S, 100 ppm CO, 2.5% CH4 (50% LEL Methane) Balance Air, 58 L	Monitors with LEL/CO/H2S
IFLA0893001	10 ppm H2S, 50 ppm CO, 2.5% CH4 (50% LEL Methane) Balance Air, 58 L	Monitors with LEL/CO/H2S

**Two-Component Mixtures:**

IFLA0439733	35ppm CO/0.1% (1000 ppm) CO2/balance air, 103 L	IAQ Monitors
IFLA0439011	2.5% Methane (50% LEL CH4), 18% O2/balance N2, 103 L	Monitors with LEL & O2
IFLA0891901	60 ppm CO/10 ppm NO2/balance N2, 34 L <b>***6 MONTH SHELF LIFE***</b>	Monitors with NO2 & CO (MSA Altair 2X)
IFLA0892775	2% (20,000 ppm) CO2/18% O2/balance N2, 103 L	Monitors with CO2 & O2

**Nitrogen/ Zero Air/Oxygen:**

IFLA0440931	Air, Zero grade, 103 litre cylinder. <b>Instrument grade Air with less than 1 ppm THC (total hydrocarbons)</b>	For zeroing monitors that require oxygen.
IFLA0440806	100% Nitrogen, 103 litre cylinder. <b>This is not Air and cannot be used for instruments that require Oxygen</b>	For zeroing monitors that do not require O2 or for performing a Zero on O2 sensors
IFLA0439321	20.9% Oxygen/balance N2, 103 L	

**Bump Gas Cylinders/Accessories : THESE CYLINDERS ARE NOT TO BE USED FOR CALIBRATION!!!**

**Industrial Scientific Bump-n-Go:**

- ISC18109568 Bump Gas Cylinder, ISC, Bump-n-Go, 100 ppm CO, 75 ppm H2S, 15% O2, 25% LEL Methane. Up to 250 bumps per cylinder. Requires Pushbutton Regulator p/n ISC18109565, Bump Test Only, 1 Year Shelf Life
- ISC18109577 Bump Gas Cylinder, ISC, Bump-n-Go, 100 ppm CO, 75 ppm H2S, 15% O2, 25% LEL Methane, Cylinders. Requires Pushbutton Regulator p/n ISC18109565, Bump Test Only, 1 Year Shelf Life, Package of 6.
- ISC18109565 Regulator, ISC, Pushbutton, Bump-n-Go, Bump Test Cylinders only

**ISC 11L:**

- ISC18105825 75 ppm H2S/200 ppm CO/25% LEL CH4/15% O2/balance N2, 11L Spray Bottle

**Honeywell/BW/Sperian:**

- IBCGBUMP1 40 ppm H2S/200 ppm CO/2.5% CH4, 10% O2/balance N2  
11L Spray Bottle with balloon, 6 month shelf life
- IBCGBUMPH2S 100 ppm H2S/balance N2. 11L Spray Bottle with balloon, 6 month shelf life
- IBCGBUMPM100 100 ppm CO/balance N2. 11L Spray Bottle with balloon, 12 month shelf life
- IBCGBUMPBK Spare balloon assembly kit with hose (1/8" ID, 3/16" OD) and adapter

**MSA:**

- MSA814350 60 ppm CO, 2.5% CH4, 15% O2/balance N2, 11L Spray Bottle

**Single-Component Cylinders:**

**Ammonia (34 & 58 litre Aluminum)**

- IFLA0445263 10 ppm Ammonia (NH3)/balance N2, 58 L
- IFLA0447187 25 ppm Ammonia (NH3)/ balance N2, 58 L
- IFLA0431939 25 ppm Ammonia (NH3)/balance N2, 34 L
- IFLA1167217 50 ppm Ammonia (NH3)/balance N2, 34L
- IFLA0447914 50 ppm Ammonia (NH3)/balance N2, 58 L
- IFLA0893093 50 ppm Ammonia (NH3)/balance Air, 58 L
- IFLA1073752 100 PPM Ammonia (NH3)/balance N2, 34L
- IFLA0444576 100 ppm Ammonia (NH3)/balance N2, 58 L
- IFLA0444534 100 ppm Ammonia (NH3)/balance Air, 58 L
- IFLA1074515 250 ppm Ammonia (NH3)/balance Air, 58 L
- IFLA0447441 300 ppm Ammonia (NH3)/balance Air, 58 L

**Benzene (34 Litre Aluminum)**

IFLA0432413 5 ppm Benzene/balance air, 34 L aluminum Tiger Select/UltraRAE

**Carbon Dioxide (CO<sub>2</sub>, 103 Litre Steel)**

IFLA0436806 1000 ppm CO<sub>2</sub>/balance N<sub>2</sub>, 103 L  
IFLA0916742 2000 ppm CO<sub>2</sub>/balance air, 103 L  
IFLA0437240 5000 ppm CO<sub>2</sub>/balance air, 103 L (G460 w/NDIR CO<sub>2</sub>)  
IFLA0437275 5000 ppm CO<sub>2</sub>/balance N<sub>2</sub>, 103 L  
IFLA1074281 1% (10,000 ppm) CO<sub>2</sub>/balance air, 103 L  
IFLA1074282 1% (10,000 ppm) CO<sub>2</sub>/balance N<sub>2</sub>, 103 L  
IFLA0892753 1.5% (15,000 ppm) CO<sub>2</sub>/balance N<sub>2</sub>, 103 L  
IFLA1074283 2% (20,000 ppm) CO<sub>2</sub>/balance N<sub>2</sub>, 103 L  
IFLA0439175 2.5% (25,000 ppm) CO<sub>2</sub>/balance air, 103 L  
IFLA0439637 3% (30,000 ppm) CO<sub>2</sub>/balance air, 103 L  
IFLA0439790 4% (40,000 ppm) CO<sub>2</sub>, 20.9% O<sub>2</sub>/balance N<sub>2</sub> (air), 103 L  
IFLA0439880 5% (50,000 ppm) CO<sub>2</sub>/balance air, 103 L  
IFLA0892755 10% (100,000 ppm) CO<sub>2</sub>/balance N<sub>2</sub>, 103 L

**Carbon Monoxide (CO, 103 Litre Steel)**

IFLA0438538 10 ppm CO/balance air, 103 L  
IFLA0439583 25 ppm CO/balance air, 103 L  
IFLA0439761 35 ppm CO/balance air, 103 L  
IFLA0440390 50 ppm CO/balance air, 103 L  
IFLA0440438 50 ppm CO/balance N<sub>2</sub>, 103 L  
IFLA1074310 60 ppm CO/balance air, 103 L  
IFLA0438295 100 ppm CO/balance air, 103 L  
IFLA0438338 100 ppm CO/balance N<sub>2</sub>, 103 L  
IFLA0892793 200 ppm CO/balance air, 103 L  
IFLA1074284 250 ppm CO/balance air, 103 L  
IFLA0914100 400 ppm CO/balance air, 103 L  
IFLA0440060 500 ppm CO/balance air, 103 L  
IFLA1072590 1000 ppm CO/balance air, 103 L  
IFLA0436886 2000 ppm CO/balance N<sub>2</sub>, 103 L

**Chlorine (Cl<sub>2</sub>, 34 & 58 Litre Aluminum)**

IFLA0447384	2 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 58 L
IFLA1074516	3 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 58L
IFLA0432474	5 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 34 L
IFLA0448116	5 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 58 L
IFLA0430620	10 ppm Cl <sub>2</sub> (chlorine) balance N <sub>2</sub> , 34 L
IFLA0444757	10 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 58 L
IFLA1074517	50 ppm Cl <sub>2</sub> (chlorine)/balance N <sub>2</sub> , 58 L

**Ethylene Oxide (EtO, 58 Litre Aluminum)**

IFLA0448030	5 ppm EtO (Ethylene Oxide)/balance N <sub>2</sub> , 58 L
IFLA0444662	10 ppm EtO (Ethylene Oxide)/balance N <sub>2</sub> , 58 L

**Hexane (C<sub>6</sub>H<sub>14</sub>, 34L Aluminum & 103 litre Steel)**

IFLA1075962	400 ppm Hexane/balance air, 103 L
IFLA0432106	400 ppm Hexane/balance air, 34L Aluminum
IFLA0436988	0.3% (3000 ppm) Hexane, 17% O <sub>2</sub> /balance N <sub>2</sub> , 103L
IFLA0437002	0.3% (3000 ppm) Hexane/balance air, 103L

**Hydrogen (H<sub>2</sub>, 103 Litre Steel)**

IFLA0440446	50 ppm Hydrogen (H <sub>2</sub> )/20.9% O <sub>2</sub> /balance N <sub>2</sub> (air), 103 L
IFLA0440103	500 ppm Hydrogen (H <sub>2</sub> )/balance N <sub>2</sub> , 103 L
IFLA1314971	500 ppm Hydrogen (H <sub>2</sub> )/balance air, 103 L
IFLA1074279	1000 ppm Hydrogen (H <sub>2</sub> )/balance air, 103 L
IFLA0437689	25% LEL (1% Vol) Hydrogen/balance air 103 L
IFLA0438887	50% LEL (2% Vol) Hydrogen/balance air, 103 L

**Hydrogen (H<sub>2</sub>, 58 Litre Aluminum)**

IFLA0914119	100 ppm Hydrogen (H <sub>2</sub> ), 20.9% O <sub>2</sub> /balance N <sub>2</sub> (air), 58 L
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**Hydrogen Chloride (HCl, 34 & 58 Litre Aluminum)**

IFLA0448190	5 ppm Hydrogen Chloride (HCl)/balance N <sub>2</sub> , 58 L
IFLA1078156	10 ppm Hydrogen Chloride (HCl)/balance N <sub>2</sub> , 34 L
IFLA0445136	10 ppm Hydrogen Chloride (HCl)/balance N <sub>2</sub> , 58 L

**Hydrogen Cyanide (HCN, 34 & 58 Litre Aluminum)**

IFLA1074276	10 ppm Hydrogen Cyanide (HCN)/balance N <sub>2</sub> , 34 L
IFLA0445231	10 ppm Hydrogen Cyanide (HCN)/balance N <sub>2</sub> , 58 L



**Hydrogen Sulphide (H<sub>2</sub>S, 34 & 58 Litre Aluminum)**

IFLA1183620	5 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 34 L
IFLA0445064	10 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 58L
IFLA1074514	20 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 58 L
IFLA0447063	25 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 58 L
IFLA0431865	25 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 34 L
IFLA0447590	40 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 58 L
IFLA0447772	50 ppm H <sub>2</sub> S/balance N <sub>2</sub> , 58 L

**Isobutylene (103 Litre Steel or 116Litre Aluminum)**

IS116ES2481	1 ppm Isobutylene/balance air, 116L	Monitors with ppb range PID sensors
IFLA0438576	10 ppm Isobutylene/balance air, 103 L	Monitors with ppb range PID sensors (TSI QTrak Probes/ E Instruments with ppb range)
IFLA0438479	100 ppm Isobutylene/balance air, 103 L	Monitors with PID sensors
IFLA1188745	250 ppm Isobutylene/balance air, 103 L	Monitors with PID sensors
IFLA1074280	1000 ppm Isobutylene/balance air, 103 L	Monitors with PID sensors

**Methane (CH<sub>4</sub>, 103 Litre Steel or 34 Litre Aluminum)**

IFLA1311444	0.5% Methane (CH <sub>4</sub> , 10% LEL)/balance air, 103 L
IFLA1074513	1.25% Methane (CH <sub>4</sub> , 25% LEL)/balance air, 103 L
IFLA0439138	2.5% Methane (CH <sub>4</sub> , 50% LEL)/balance air, 103 L
IFLA1073387	5% Methane (CH <sub>4</sub> , 100% LEL)/balance air, 103 L
IGG7802038	99.9% Methane, balance N <sub>2</sub> , 34 L aluminum (GfG p/n) for calibrating 0-100% Gas/Volume sensors

**Nitric Oxide (NO, 34 & 58 Litre Aluminum)**

IFLA0445297	10 ppm NO (nitric oxide)/balance N <sub>2</sub> , 58 L
IFLA1078157	25 ppm NO (nitric oxide)/balance N <sub>2</sub> , 34 L
IFLA0893070	25 ppm NO (nitric oxide)/balance N <sub>2</sub> , 58 L
IFLA0447958	50 ppm NO (nitric oxide)/balance N <sub>2</sub> , 58 L

**Nitrogen Dioxide (NO<sub>2</sub>, 34 & 58 Litre Aluminum)\*\*\*6 MONTH SHELF LIFE FOR NO<sub>2</sub>\*\*\***

IFLA0432551	5 ppm NO <sub>2</sub> (nitrogen dioxide)/balance N <sub>2</sub> , 34 L
IFLA0914097	5 ppm NO <sub>2</sub> (nitrogen dioxide)/balance Air, 34 L
IFLA0448296	5 ppm NO <sub>2</sub> (nitrogen dioxide)/balance N <sub>2</sub> , 58 L
IFLA0448249	5 ppm NO <sub>2</sub> (nitrogen dioxide)/balance air, 58 L
IFLA0430976	10 ppm NO <sub>2</sub> (nitrogen dioxide) balance N <sub>2</sub> , 34 L

Page 9:

IFLA0445368 10 ppm NO<sub>2</sub> (nitrogen dioxide) balance air, 58 L  
IFLA0445418 10 ppm NO<sub>2</sub> (nitrogen dioxide) balance N<sub>2</sub>, 58 L  
IFLA0447283 25 ppm NO<sub>2</sub> (nitrogen dioxide)/balance N<sub>2</sub>, 58 L

**Oxygen (O<sub>2</sub>, 103 Litre Steel)**

IFLA0892780 2% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L  
IFLA0438718 18% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L  
IFLA0914113 18.5% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L  
IFLA0892772 19% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L  
IFLA0439321 20.9% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L  
IFLA0439485 23% Oxygen (O<sub>2</sub>)/balance N<sub>2</sub>, 103 L

**Pentane (103 Litre Steel)**

IFLA0437067 0.35% (25% LEL) Pentane/balance air, 103 L  
IFLA0437433 50% LEL Pentane/balance air, 103 L

**Phosphine (PH<sub>3</sub>, 34 & 58 Litre Aluminum)**

IFLA1078031 1 ppm PH<sub>3</sub> (phosphine)/balance N<sub>2</sub>, 58 L  
IFLA0448336 5 ppm PH<sub>3</sub> (phosphine)/balance N<sub>2</sub>, 58 L  
IFLA0432585 5 ppm PH<sub>3</sub> (phosphine) /balance N<sub>2</sub>, 34 L

**Propane (C<sub>3</sub>H<sub>8</sub>, 103 Litre Steel)**

IFLA1078158 25% LEL Propane/balance air, 103 L  
IFLA0437790 50% LEL Propane/balance air, 103 L

**Sulphur Dioxide (SO<sub>2</sub>, 34 & 58 Litre Aluminum)**

IFLA0448463 5 ppm SO<sub>2</sub> (sulphur dioxide)/balance N<sub>2</sub>, 58 L  
IFLA0914099 5 ppm SO<sub>2</sub> (sulphur dioxide)/balance N<sub>2</sub>, 34 L  
IFLA0445594 10 ppm SO<sub>2</sub> (sulphur dioxide)/ balance N<sub>2</sub>, 58 L  
IFLA0445509 10 ppm SO<sub>2</sub> (sulphur dioxide)/ balance **Air**, 58 L  
IFLA0431072 10 ppm SO<sub>2</sub> (sulphur dioxide)/balance N<sub>2</sub>, 34 L  
IFLA0447318 25 ppm SO<sub>2</sub> (sulphur dioxide)/ balance N<sub>2</sub>, 58 L  
IFLA0448008 50 ppm SO<sub>2</sub> (sulphur dioxide)/balance N<sub>2</sub>, 58 L  
IFLA0917498 250 ppm SO<sub>2</sub> (sulphur dioxide)/balance N<sub>2</sub>, 58 L

**116 Litre Cylinders (Use Same Regulators as for 34/58 Aluminum and 103 Litre Steel Cylinders):**

IFLA1074274	Zero Air, 20.9% O2/balance N2, 116L	
IFLA0427576	60ppm CO/20 ppm H2S/15% O2/1.45% CH4 (58% LEL Pentane equivalent)/balance N2, 116 L <b>Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration</b>	MSA Standard 4-Gas Monitors
IFLA0960169	25 ppm H2S/100 ppm CO/2.5% CH4/18% O2/balance N2, 116 L	GfG & BW Tech Standard 4-Gas Monitors & Docking Stations
IFLA0427559	20 ppm H2S/50 ppm CO/2.5% CH4/18% O2/balance N2, 116 L	
IFLA0427613	25 ppm H2S/100 ppm CO/25% LEL Pentane/2.5% CO2/18% O2/balance N2, 116 L	ISC Monitors with CO2
IFLA1074275	25 ppm H2S/100 ppm CO/25% LEL Pentane/18% O2/balance N2, 116 L	ISC 4-Gas Monitors
IFLA1074273	10 ppm SO2/25 ppm H2S/100 ppm CO/0.35% Pentane (25% LEL)/18% O2/balance N2, 116L	ISC Monitors with SO2
IFLA1166395	50 ppm Ammonia (NH3)/balance N2, 116L	
IFLA1074272	10 ppm Cl2 (chlorine)/balance N2, 116 L	
IFLA1074201	10 ppm Hydrogen Cyanide (HCN)/balance N2, 116 L	

**17/34 Litre Steel Cylinders:**

**Carbon Dioxide**

IFLA0442424	1000 ppm CO2 (carbon dioxide)/balance N2, 34 L
IFLA0441428	1000 ppm CO2 (carbon dioxide)/balance N2, 17 L
IFLA1078171	5000 ppm CO2 (carbon dioxide)/balance N2, 34 L
IFLA0442735	1% (10,000 ppm) CO2 (carbon dioxide)/balance N2, 34 L
IFLA0441966	2.5% (25,000 ppm) CO2 (carbon dioxide)/balance N2, 17 L

**Carbon Dioxide/Carbon Monoxide Mix**

IFLA0443473	35 ppm CO/1000 ppm CO2/balance air, 34 L
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**Carbon Dioxide/Methane Mix**

IFLA0443077	15% (150,000 ppm) CO2/15% Methane (CH4)/balance N2, 34 L
IFLA0443529	35% (350,000 ppm) CO2/50% Methane (CH4)/balance N2, 34 L

**Carbon Monoxide**

IFLA0441814	10 ppm CO (carbon monoxide)/balance air, 17L
IFLA0443397	20 ppm CO (carbon monoxide)/balance air, 34 L
IFLA0442057	20 ppm CO (carbon monoxide)/balance air, 17 L
IFLA0442069	20 ppm CO (carbon monoxide)/balance N2, 17 L
IFLA0443720	50 ppm CO (carbon monoxide)/balance air, 34 L
IFLA0442275	50 ppm CO (carbon monoxide)/balance air, 17 L

Page 11:

IFLA0443793 60 ppm CO (carbon monoxide)/balance air, 34 L  
IFLA0442914 100 ppm CO (carbon monoxide)/balance air, 34 L  
IFLA0441768 100 ppm CO (carbon monoxide)/balance air, 17 L

**Carbon Monoxide/Methane Mix**

IFLA0443634 50 ppm CO/1.62% Methane (50% LEL Propane Equivalent)/19% O<sub>2</sub>/balance air, 34 L  
IFLA0442889 100 ppm CO/2.5% (50% LEL) Methane (CH<sub>4</sub>)/balance air, 34 L  
IFLA0441737 100 ppm CO/2.5% (50% LEL) Methane (CH<sub>4</sub>)/17% O<sub>2</sub>/balance air, 17 L

**Hexane**

IFLA0441500 0.44% Hexane/balance air, 17 L  
IFLA0442547 0.48% (40% LEL) Hexane /balance air, 34 L (filled to 20L)  
IFLA0441529 0.48% (40% LEL) Hexane/balance air, 17 L

**Isobutylene**

IFLA0443068 10 ppm Isobutylene/balance air, 34 L  
IFLA0443021 100 ppm Isobutylene/balance air, 34 L  
IFLA1070114 5000 ppm Isobutylene/balance air, 34 L

**Methane**

IFLA1077909 1% Methane (20% LEL)/balance air, 34 L  
IFLA0443288 2.5% Methane (50% LEL)/balance air, 34 L  
IFLA0441952 2.5% Methane (50% LEL)/balance air, 17 L  
IFLA0443320 20% Methane/balance N<sub>2</sub>, 34 L

**Methane/Oxygen Mix**

IFLA1078172 2.5% Methane (50% LEL)/17% O<sub>2</sub>/balance N<sub>2</sub>, 34 L  
IFLA0441912 2.5% Methane (50% LEL)/17% O<sub>2</sub>/balance N<sub>2</sub>, 17 L

**Nitrogen**

IFLA0917501 100% Nitrogen (N<sub>2</sub>), 34 L  
IFLA0442343 100% Nitrogen (N<sub>2</sub>), 17 L

**Oxygen**

IFLA0442524 0.4% Oxygen/balance N<sub>2</sub>, 34 L  
IFLA0443837 8.0% Oxygen/balance N<sub>2</sub>, 34 L  
IFLA0892899 18% Oxygen/balance N<sub>2</sub>, 34 L  
IFLA0443141 19% Oxygen/balance N<sub>2</sub>, 34 L  
IFLA0443351 20.9% Oxygen/balance N<sub>2</sub>, 34 L

Page 12:

IFLA0892887 20.9% Oxygen/balance N2, 17 L

**Pentane**

IFLA0442504 25% LEL (0.375%) Pentane/balance air, 34 L

IFLA0892894 50% LEL (0.75%) Pentane/balance air, 34 L

**Propane**

IFLA0442774 50% LEL (1.1%) Propane/balance air, 34 L

IFLA0442701 1% Propane/balance air, 34 L

IFLA1074512 0.6% Propane/balance air, 34 L

**Zero Air**

IFLA0444001 Zero Air (20.9% O2/balance N2), 34 L

IFLA0442393 Zero Air (20.9% O2/balance N2), 17 L

**Regulators, Carry Case, Cylinder Holders and Recycle Tools:**

IFLA0195345	0.5 LPM fixed flow regulator with contents gauge, For 58 & 103 litre cylinders	BW 4-Gas (MicroClip, Quattro) GfG G450/460
IFLA0195379	1.0 LPM fixed flow regulator with contents gauge, For 58 & 103 litre cylinders	Biosystems (Sperian)
IFLA0195314	0.25 LPM fixed flow regulator with contents gauge For 58 & 103 litre cylinders	MSA
IFLA0195320	0.3 LPM fixed flow regulator with contents gauge For 58 & 103 litre cylinders	Q-Trak/IAQ-Calc
IFLA1300381	Demand Flow Regulator, for 58 & 103 litre cylinders	All Docking Stations & Sample Draw Monitors except ISC DSX that require iGas Regulators
IFLA0195275	0.5 LPM fixed flow regulator, for 17 & 34 litre steel Cylinders with outside threads	
IFLA0195256	0.25 LPM fixed flow regulator, for 17 & 34 litre steel Cylinders with outside threads	
IFLA0195262	0.3 LPM fixed flow regulator, for 17 & 34 litre steel Cylinders with outside threads	
IFLA0195285	1.0 LPM fixed flow regulator, for 17 & 34 litre steel Cylinders with outside threads	
IFLA0177773	Demand Flow Regulator, for 17 & 34 litre steel Cylinders with outside threads	
IFLA0342931	Carry Case for calibration gas cylinders, can hold 2 Each 58 or 103 litre cylinders	
IZ811500RK	Cylinder Holder, stand alone, 58 litre aluminum & steel cylinders	
IZ811501RK	Cylinder Holder, stand alone, 103 litre steel cylinders	
IZ811502RK	Cylinder Holder, stand alone, 34 litre aluminum and 17 & 34 litre steel cylinders	

- FXA860 Cylinder Holder, wall mount, adjustable, w/cords, for 58 litre aluminum and 103 litre steel cylinders
- IFLA0407022 Recycle tool – to remove the valve from the cylinders  
34, 58 – Aluminium cylinders & 103 litre steel cylinders
- IFLA0407021 Recycle tool – same as above for 17 & 34 steel cylinders

**Industrial Scientific iGas & Standard Demand Flow Regulators for use with Docking Stations**

- ISC18105841 iGas Demand Flow Regulator for 34, 58 & 116L aluminum and 103L steel cylinders  
w/150 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program
- ISC18109244 iGas Demand Flow Regulator for 34, 58 & 116L aluminum and 103L steel cylinders  
w/250 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program
- ISC18105858 iGas Demand Flow Regulator, 330 CGA, for 650L aluminum cylinders  
w/200 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program
- ISC18105833 iGas Demand Flow Regulator for 552L cylinders, 590 CGA w/200 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program
- ISC18106757 iGas Demand Flow Regulator, 705 CGA w/200 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program
- ISC18102509 Demand Flow Regulator for use with Stand Alone Docks or Docks that are not  
connected to the Auto Calibration Gas Replenishment Program. For 34, 58 & 116L  
aluminum and 103L steel cylinders
- ISC18109243 iGas Demand Flow Regulator, 600 CGA, for 34L steel cylinders  
w/200 psi pressure switch  
Not required for Stand Alone Docks or Docks that are not connected to the  
Auto Calibration Gas Replenishment Program



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