



Portable Gas Monitoring

Dräger

Technology for Life

Pac® Diffusion Single & Dual Gas Monitors

IP 68 Rated | Event Logger | 24 Month Battery

Pac® 6000 - Single Gas (Life limited to 2 yrs)



CO PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	H₂S PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	O₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	SO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms
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Pac® 6500 - Single Gas



CO PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	H₂S PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	O₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	SO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms
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Pac® 8500 - Dual Gas



O₂/CO -LC PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	H₂S/CO - LC PN: 8326369 0-2000 ppm 35 / 50 ppm alarms
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Bluetooth capable

Pac® Diffusion Single Exotic Gas Monitors

IP 68 Rated | Event Logger | 24 Month Battery

Pac® 8000 - Exotic Single Gas



NO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	CO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	Cl₂ & ClO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	HCN PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	NH₃ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms
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PH₃ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	OV PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	OV-A PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	NO₂ PN: 8326369 0-2000 ppm 35 / 50 ppm alarms	Ozone PN: 8326369 0-2000 ppm 35 / 50 ppm alarms
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Pac Accessories

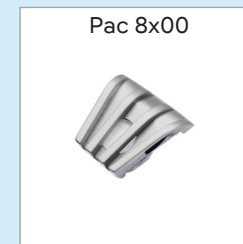


Waster & Dust Filter Sensor Grill
PN: 8326853 (4 pcs)



Battery PN: 8326856

- If the new battery appears dead, it has gone into lithium battery passivation mode. Hit it on a table to revive it.
- After a battery change, sensor warming time applies.

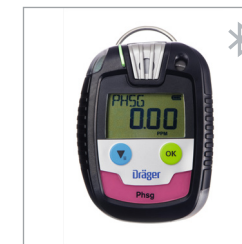


Waster & Dust Filter Sensor Grill
PN: 8326852 (4 pcs)
PN: 8326859 (40 pcs)



Comm. Cradle
PN: 5600704
For Data, Sensor Swaps, and updates.

NOTE: Free CC Vision download required, scan Software SQ code.



Phosgene
PN: 8326369
0-2000 ppm
35 / 50 ppm alarms



CO-H Compensated
PN: 8326369
0-2000 ppm
35 / 50 ppm alarms

X-am® Single & Multi Gas Monitors

IP 68 Rated | Event Logger

X-am® 2800 – Standard 4-gas



CH₄, O₂, CO, H₂S
PN: VN 00605
Pump and charger
sold separately
12-16 Hour Battery



Pump for X-am 2800 & 5800
PN: 8327115

X-am® 5800 – Configurable 5-gas



CH₄, O₂, CO, H₂S
PN: TBD
Pump and charger
sold separately
12-16 Hour Battery

IR Sensor is designed to measure hydrocarbons in Oxygen deprived environments.

X-am® 5100 – Exotic single gas



PN: 8322750
9-14 Hour Battery

Calibration adapter (PN: 6806291) required for use with X-Dock

H₂O₂ Sensor only
PN: 6809170
– Hydrogen Peroxide

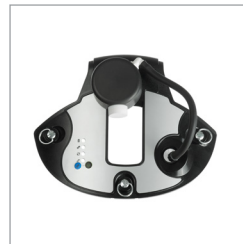
HF/HCl Sensor only
PN: 6809140

- Hydrogen Chloride
- Hydrogen Bromide
- Hydrogen Fluoride
- Nitric Acid
- Phosph. Oxychloride
- Phosph. Trichloride

N₂H₄ Sensor only
PN: 6809190
– Hydrazine



Calibration Adapter for X-am 5100
PN: 6806291



X-zone Cover for X-am 5100
PN: 8323938

X-am® 8000 – PID/IR/CatEx 7-gas



16-24 Hour Battery

Config.	Part No.	Gases
1	VN 00134	LEL/CatEx, CO/H ₂ S, O ₂ , NH ₃
2	VN 00135	LEL/CatEx, CO/H ₂ S, O ₂ , Cl ₂
3	VN 00136	PID HC, LEL/CatEx, CO, O ₂ , H ₂ S
4	VN 00137	LEL/CatEx, CO-H ₂ , O ₂
5	VN 00138	PID HC, LEL/CatEx, CO/H ₂ S, O ₂
6	VN 00139	PID HC, IR, O ₂ , H ₂ S, CO
7	VN 00140	PID HC, EX/CO ₂ , CO, O ₂ , HCN
8	VN 00141	LEL/CatEx, H ₂ S/O ₂ , CO, H ₂
9	VN 00142	PID HC, LEL/CatEx, CO/H ₂ S, O ₂ , HCN
10	VN 00143	PID HC, LEL/CatEx, CO/O ₂ , H ₂ S, CO ₂
11	VN 00144	IR, H ₂ -HC, CO
12	VN 00145	PID HC, LEL/CatEx, O ₂ , CO, H ₂ S
13	VN 00401	PID HC, LEL/CatEx, O ₂ , H ₂ S-LC/CO-LC, HCN
14	VN 00483	PID LC ppb, LEL/CatEx, CO-LC, H ₂ S-LC, O ₂

Bluetooth capable

Selective PID Multi Gas Monitor

IP 54 Rated | Event Logger | 8+ Hour Battery

X-pid® 9500 – Gas Chromatograph



PID Gas Measurement Device
PN: 6851848

Detects over 30 gases to the ppb range, i PID Gas Measurement Device including:

- Acetone
- Benzene
- Butadiene, 1,3-
- Ethanol
- Hexane
- Methyl bromide
- Phosphine
- Toluene
- Vinyl chloride
- Xylene

Perimeter Monitoring



X-zone 5800
PN: 8329040
with integrated pump,
915 MHz, 24 Ah battery
with diffusion and
pump cap
Compatible with:
X-am 5000
X-am 5100
X-am 5600
X-am 5800



Power Plug
PN: 8320749
(sold separately)



Inductive Charger Power
PN: 8322076
(sold separately)

X-am Charging Accessories



1-Device Charging Cable
PN: 8316997



5-Device Charging Cable
PN: 8316994



X-am 8000 Adapter to link chargers
PN: 8325736



X-am Standard Battery Charge Kit
PN: 8320333



X-am 8000 Inductive Charger
PN: 8325825

Bump & Calibration X-Dock Station

1

X-dock Base



6300 Master
(3 gas inlets)
PN: 8321900



6600 Master
(6 gas inlets)
PN: 8321901

2

X-dock Power Supply



100-240V, 24V DC, 1.25A
Powers up to 3 modules.
PN: 8321849



100-240V, 24V DC, 6.25A
Powers up to 10 modules.
PN: 8321850

Cal. Gases



Scan to download a list of calibration gases.

3

X-dock Module



Pac Module
PN: 8921892



X-am 2x00, 5x00 Module
PN: 8321890



X-am 2x00, 5x00 Charging Module
PN: 8321891



X-am 3500, 8000 Module
PN: 8321893



X-am 3500, 8000 Charging Module
PN: 8921894

4

X-dock Pressure Regulator



Pressure Regulator
PN: 8324250



Stainless Steel Pressure Regulator
for exotic gases
PN: 8324252
Required for chlorine & ammonia gases

5

X-dock Sampling Hose



FKM Tubing (not for Cl₂)
PN: 4594112 (5 ft)
PN: 4594114 (20 ft)



Tygon PTFE Lined
PN: 8326980 (9 ft)
Required for chlorine & ammonia gases



PTFE Hose Connector
PN: 8324098

Both required

Accessories

Multi-gas



Float Probe, 5cm hose+ conn 5mm
PN: 8327654



Water & Dust Filter set with 3mm/5mm hose connectors
PN: 8319364 (1 pcs)
PN: 3705997 (20 pcs)

Replacement Battery



X-am 2x00 / 5x00
PN: 8318704



X-am 8000
PN: 8326817



Telescopic Probe ES 150, 59in
PN: 8316533



X-am 8000 Pump adapter
PN: 8326820
includes dust and water filter with Luer connection

Bump Test



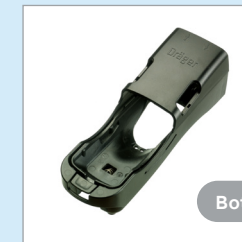
Pac Bump Test Station
PN: 8317410



X-am Bump Test Station
PN: 8319131

- Calibration Gas NOT included
- Cannot be used for calibration

Communication



X-am Communication Cradle
PN: 8318752



USB-IR Com Dongle
PN: 8317409
For Data, Sensor Swaps, and updates.
NOTE: Includes Boot for 8000 model



Mark II Pump Kit with USB charger, wall plug and shoulder strap
PN: 8326853



X-am 2x00/5x00 Confined Space Entry Kit
PN: 8327117
Includes pump, usb cable, wall plug, 16' FKM hose, float probe, dust & water filter, shoulder strap, & carry case

Sensor Compatibility

Sensor Description	Measuring Range	Accuracy (% of measured volume)	Resolution	Part No.	Pac 60/6500	Pac 8000	Pac 8500	X-am 5100	X-am 2800	X-am 5800	X-am 8000	Warranty	Recomm. Cal Interval (months)	Max. Cal Interval (months)	Calibration manually or with CC-Vision	Bump Test or Calibration with X-dock	Comments*
XS DrägerSensor®																	
Hydrazine (N ₂ H ₄) XS N ₂ H ₄ (hydrazine) CH ₃ NH-NH ₂ (monomethyl hydrazine) (CH ₃) ₂ N-NH ₂ (dimethyl hydrazine)	Max 0 - 3.00 ppm 0 - 3.00 ppm 0 - 3.00 ppm 0 - 3.00 ppm	≤ ±5%	0.01 ppm	6809190				■				1-Yr	3	6	DraegerService	N/A	Factory calibration
Hydrogen Fluoride/Hydrogen Chloride (HF/HCl) XS HCl (hydrogen chloride) HNO ₃ (nitric acid) HBr (hydrogen bromide) POCl ₃ (phosphorous trichlorideoxide) PCl ₃ (phosphorous trichloride) HF (hydrogen fluoride)	Max 0 - 30.0 ppm 0 - 30.0 ppm 0 - 30.0 ppm 0 - 30.0 ppm 0 - 30.0 ppm 0 - 30.0 ppm 0 - 30.0 ppm	≤ ±15%	0.1 ppm	6809140				■				1-Yr	12 Month	18	10 or 25 ppm HCl	N/A	SS Regulator, PTFE-lined hose (short as possible)
Hydrogen Peroxide (H ₂ O ₂) XS	0 - 20.0 ppm	≤ ±10%	0.1 ppm	6809170				■				1-Yr	3	6	10 ppm SO ₂	N/A	
XXS DrägerSensor®																	
Amines XXS CH ₃ NH ₂ (methylamine) (CH ₃) ₂ NH (dimethylamine) CH ₃ 3N (trimethylamine) C ₂ H ₅ NH ₂ (ethylamine) (C ₂ H ₅) ₂ NH (diethylamine) (C ₂ H ₅) ₃ N (triethylamine)	Std 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm	≤ ±5%	1 ppm	6812545						■	■	1-Yr	3	6	50 ppm NH ₃	50 ppm NH ₃	Use Tygon tubing and Stainless-Steel Regulator
Ammonia (NH ₃) XXS	0 - 300 PPM	≤ ±3%	1 ppm	6810888		■				■	■	1-Yr	3	6	50 ppm NH ₃	50 ppm NH ₃	Use Tygon tubing and Stainless-Steel Regulator
Carbon Dioxide (CO ₂) XXS	0 - 7.0%	≤ ±20%	0.1% Vol.	6810889		■				■	■	15-Mo	3	6	2.5% Vol CO ₂	2.5% Vol CO ₂	
Carbon Monoxide (CO) XXS ¹	0 - 2,000 ppm	≤ ±2%	2 ppm	6810882						■	■	3-Yr	6	12	100 ppm CO	100 ppm CO	
Carbon Monoxide Low Conc. (CO) XXS LC ¹	0 - 2,000 ppm	≤ ±2%	1 ppm	6813210	■				■	■	■	3-Yr	6	12	100 ppm CO	100 ppm CO	
Carbon Monoxide High Conc. (CO) XXS HC	0 - 10,000 ppm	≤ ±2%	5 ppm	6812010						■	■	1-Yr	3	6	100 ppm CO	100 ppm CO	
CO Hydrogen Compensated (CO-H ₂ CP) XXS	0 - 2,000 ppm	≤ ±2%	1 ppm	6811950			■			■	■	1-Yr	6	12	100 ppm CO 500 ppm H ₂	100 ppm CO 500 ppm H ₂	
CO-LC/H ₂ S-LC Dual Sensor XXS	0 - 2,000 ppm CO 0 - 100 ppm H ₂ S	H ₂ S: ≤ ± 5 %, CO: ≤ ± 2 %	1 ppm 0.1 ppm	6813280			■			■	■	2-Yr	6	12	100 ppm CO 25 ppm H ₂ S	100 ppm CO 25 ppm H ₂ S	
CO/H ₂ S Dual Sensor XXS	0 - 2,000 ppm CO 0 - 200 ppm H ₂ S	≤ ±2%	2 ppm 1 ppm	6811410						■	■	2-Yr	6	12	100 ppm CO 25 ppm H ₂ S	100 ppm CO 25 ppm H ₂ S	
Chlorine (Cl ₂) XXS Cl ₂ (chlorine) F ₂ (fluorine) Br ₂ (bromine) ClO ₂ (chlorine dioxide)	Std 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm	≤ ±2%	0.1 ppm	6810890		■				■	■	1-Yr	3	6	5 ppm Cl ₂	5 ppm Cl ₂	Use Stainless-Steel Regulator and PTFE-lined Tygon tubing with 2ea. 8324098 X-dock PTFE Hose Connector Sets for connection to X-dock.
Hydrogen Cyanide (HCN) XXS	0 - 50 ppm	≤ ±5%	0.1 ppm	6810887		■				■	■	2-Yr	3	6	10 ppm HCN	10 ppm HCN	
Hydrogen Cyanide (HCN) XXS PC	0 - 50 ppm	≤ ±5%	0.5 ppm	6813165						■	■	1-Yr	3	6	10 ppm HCN	10 ppm HCN	
Hydrogen High Conc. (H ₂) XXS HC	0 - 4% Vol.	≤ ±2%	0.1% Vol.	6812025						■	■	1-Yr	3	6	2% Vol (50%LEL) H ₂	2% Vol (50%LEL) H ₂	Check on compatibility with CO or CO-H ₂ sensors
Hydrogen Low Conc. (H ₂) XXS	0 - 2,000 ppm	≤ ±1%	5 ppm	6812370						■	■	1-Yr	3	6	500 ppm H ₂	500 ppm H ₂	
Hydrogen Sulfide (H ₂ S) XXS ¹	0 - 200 ppm	≤ ±2%	1 ppm	6810883						■	■	3-Yr	6	12	25 ppm H ₂ S	25 ppm H ₂ S	
Hydrogen Sulfide High Conc. (H ₂ S) XXS HC	0 - 1,000 ppm	≤ ±2%	2 ppm	6812015						■	■	1-Yr	3	6	100 ppm H ₂ S	100 ppm H ₂ S	
Hydrogen Sulfide Low Conc. (H ₂ S) XXS LC ¹	0 - 100 ppm	≤ ±2%	0.1 ppm	6811525	■				■	■	■	3-Yr	6	12	25 ppm H ₂ S	25 ppm H ₂ S	

Sensor Description	Measuring Range	Accuracy (% of measured volume)	Resolution	Part No.	Pac 60/6500	Pac 8000	Pac 8500	X-am 5100	X-am 2800	X-am 5800	X-am 8000	Warranty	Recomm. Cal Interval (months)	Max. Cal Interval (months)	Calibration manually or with CC-Vision	Bump Test or Calibration with X-dock	Comments*
Nitrogen Dioxide (NO ₂) XXS	0 - 50 ppm	±2%	0.1 ppm	6810884	■	■			■	■	■	1-Yr	3	6	5 or 10 ppm NO ₂	5 or 10 ppm NO ₂	
Nitrogen Dioxide Low Conc. (NO ₂) XXS LC	0 - 50 ppm	±3%	0.02 ppm	6812600		■				■	■	1-Yr	3	6	5 ppm NO ₂	5 ppm NO ₂	
Nitrogen Oxide (NO) XXS	0 - 200 ppm	±3%	1 ppm	6811545		■				■	■	1-Yr	3	6	25 ppm NO	25 ppm NO	
Odorant (mercaptan) XXS THT (tetrahydrothiophene) (CH ₃) ₃ CSH (tert.-butyl mercaptane) C ₂ H ₅ CH(CH ₃)SH (sec.-butyl mercaptane) CH ₃ SH (methyl mercaptane) C ₂ H ₅ SH (ethyl mercaptane) (CH ₃) ₂ S (dimethyl sulphide) CH ₃ SSCH ₃ (dimethyldisulphid)	Std 0 - 40 ppm 0 - 40 ppm 0 - 40 ppm 0 - 40 ppm 0 - 40 ppm 0 - 100 ppm 0 - 40 ppm	±3%	1 ppm	6812535						■	■	1-Yr	3	6	10 ppm MeM	10 ppm MeM or 10 ppm THT	MeM available on X-dock with ≥02.02.11 firmware
Organic Vapor (OV) XXS C ₂ H ₄ O (ethylene oxide) C ₃ H ₆ O (propylene oxide) C ₂ H ₄ (ethene / ethylene) C ₃ H ₆ (propene) C ₂ H ₃ Cl (vinyl chloride) CH ₃ OH (methanol) CH ₂ CHCHCH ₂ (butadiene) HCHO (formaldehyde) (H ₃ C) ₂ CHOH (iso-propanol) C ₄ H ₈ O (tetrahydrofuran) C ₂ H ₃ OCH ₂ Cl (1-chloro-2,3-epoxypropane) C ₆ H ₅ CHCH ₂ (styrene) H ₂ CC(CH ₃)COOCH ₃ (methyl methacrylate)	Std 0 - 200 ppm 0 - 200 ppm 0 - 200 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm 0 - 200 ppm 0 - 100 ppm 0 - 100 ppm 0 - 300 ppm 0 - 200 ppm 0 - 100 ppm 0 - 100 ppm 0 - 100 ppm	±5%	0.5 ppm	6811530		■				■	■	1-Yr	3	6	10 ppm ETO or 100 ppm CO or 25 ppm Ethylene	10 ppm ETO or 100 ppm CO or 25 ppm Ethylene	Calibration gas capability controlled by sensor code
Organic Vapor A (OV-A) XXS C ₂ H ₄ O (ethylene oxide) 2CCHCN (acrylonitrile) (CH ₃) ₂ CCH ₂ (isobutene) CH ₃ COOC ₂ H ₅ (vinylacetate) C ₂ H ₅ OH (ethanol) CH ₃ CHO (acetaldehyde) (C ₂ H ₅) ₂ O (diethyl ether) C ₂ H ₂ (ethine / acetylene)	Std 0 - 200 ppm 0 - 200 ppm 0 - 100 ppm 0 - 300 ppm 0 - 100 ppm 0 - 300 ppm 0 - 200 ppm 0 - 200 ppm 0 - 100 ppm	±20%	1 ppm	6811535		■				■	■	1-Yr	3	6	10 ppm ETO or 100 ppm CO or 25 ppm Ethylene	10 ppm ETO or 100 ppm CO or 25 ppm Ethylene	Calibration gas capability controlled by sensor code
O ₂ /CO-LC Dual Sensor XXS	0 - 25% Vol O ₂ 0 - 2,000 ppm CO	O ₂ : ±1%, CO: ±2%	0.1%Vol 1 ppm	6813275			■			■	■	2-Yr	6	12	ambient air 100 ppm CO	ambient air 100 ppm CO	±19% O ₂ required for bump test of O ₂ on X-dock
O ₂ /H ₂ S-LC	0 - 25% Vol O ₂ 0 - 100 ppm H ₂ S	O ₂ : ±1%, H ₂ S: ±5%	0.1%Vol 0.1 ppm	6814137			■			■	■	2-Yr	6	12	ambient air 25 ppm H ₂ S	ambient air 25 ppm H ₂ S	±19% O ₂ required for bump test of O ₂ on X-dock
Oxygen (O ₂) XXS ¹	0 - 25% Vol.	±1%	0.1% Vol.	6810881	■				■	■	■	3-Yr	6	12	ambient air	ambient air	±19% O ₂ required for bump test of O ₂ on X-dock
Oxygen (O ₂) XXS O ₂ 100	0 - 100% Vol.	±1%	0.5% Vol.	6812385						■	■	1-Yr	3	6	ambient air	ambient air	Calibrate at altitude where being used
Oxygen (O ₂) XXS PR	0 - 30% Vol.	±1%	0.1% Vol.	6800530					■	■	■	2-Yr	6	12	ambient air	ambient air	±19% O ₂ required for bump test of O ₂ on X-dock Order via configurator
Ozone (O ₃) XXS	0 - 10 ppm	±3%	0.01 ppm	6811540		■				■	■	1-Yr	3	6	5 ppm NO ₂	5 ppm NO ₂	N ₂ required for zero calibration
Phosgene (COCl ₂) XXS	0 - 10 ppm	±5%	0.01 ppm	6812005		■				■	■	1-Yr	3	6	2 to 3 ppm COCl ₂	2 to 3 ppm COCl ₂	Calibration gas not sold by Draeger
Phosphine (PH ₃) XXS PH ₃ (phosphine) AsH ₃ (arsine) B ₂ H ₆ (diborane) SiH ₄ (silane)	Std 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm	±2%	0.1 ppm	6810866		■				■	■	1-Yr	3	6	0.5 ppm PH ₃	0.5 ppm PH ₃	
Phosphine High Conc. (PH ₃) XXS HC	0 - 1,000 ppm	±2%	1 ppm	6812020						■	■	1-Yr	3	6	5 ppm PH ₃	5 ppm PH ₃	Not compatible with CatEx sensor
Sulfur Dioxide (SO ₂) XXS	0 - 100 ppm	±2%	0.1 ppm	6810885	■				■	■	■	2-Yr	3	6	5 ppm SO ₂	5 ppm SO ₂	Do not use H ₂ S/SO ₂ mixed gas on the X-dock

Sensor Description	Measuring Range	Accuracy (% of measured volume)	Resolution	Part No.	Pac 60/6500	Pac 8000	Pac 8500	X-am 5100	X-am 2800	X-am 5800	X-am 8000	Warranty	Recomm. Cal Interval (months)	Max. Cal Interval (months)	Calibration manually or with CC-Vision	Bump Test or Calibration with X-dock	Comments*
Cat Ex DrägerSensor®																	
Cat Ex 125 PR	0 - 100% LEL 0 - 5.0% Vol. 5 - 100% Vol. ^{2,3}	≤ ±1% of LEL	1% LEL 0.1% Vol. 1.0% Vol.	6812950							■	3-Yr	3	6	50% LEL CH ₄	50% LEL CH ₄	
Cat Ex 125 PR Mining/Gas (MSHA Approved)	0 - 5.0% Vol. 5 - 100% Vol. ^{2,3}	≤ ±1% of LEL	0.1% Vol. 1.0% Vol.	6813080							■	3-Yr	3	6	2.5% Vol CH ₄	2.5% Vol CH ₄	"ch4L" mode in X-am 8000 for 50 to 50,000 ppm range for Method 21 type testing
CarEx 125 SR (Shock Resistant)	0 - 100% LEL 0 - 5.0% Vol. 0 - 100% Vol. ⁴	≤ ± 1 % LEL at 50 % LEL	1% LEL 0.05% Vol 0.1% Vol	6851900					■	■		3-Yr	3	6	2.5% Vol CH ₄	2.5% Vol CH ₄	
IR DrägerSensor®																	
Dual IR-Ex/CO ₂ HC	0 - 100%LEL 0 - 100% Vol. 0 - 100% Vol. CO ₂	≤ ±1.5% LEL methane at 50% LEL ≤ ±0.5 Vol.-% CO ₂ at 50 Vol.-%	1% LEL 0.1% Vol. 0.1% Vol.	6800276							■	5-Yr	6	12	50% LEL CH ₄ 50% Vol CH ₄ 50% Vol CO ₂	50% LEL CH ₄ 50% Vol CH ₄ 50% Vol CO ₂	X-am 8000 Only - Must be installed in HPP 1 - No PID sensor can be installed at the same time.
Dual IR-Ex/CO ₂ ES (replaces 6811960)	0 - 100%LEL 0 - 100% Vol. 0 - 5.00% Vol. CO ₂	≤ ±1.5% LEL methane at 50% LEL ≤ ±0.08 Vol.-% CO ₂ at 2.5 Vol.-%	1% LEL 0.1% Vol. 0.02% Vol.	6851880							■	5-Yr	6	12	50% LEL CH ₄ 50% Vol CH ₄ 2.5% Vol CO ₂	50% LEL CH ₄ 50% Vol CH ₄ 2.5% Vol CO ₂	N ₂ required for CO ₂ zero calibration 0 - 9,900 ppm in X-am 5600 0 - 50,000 ppm range in X-am 8000
IR-Ex ES (replaces 6812180)	0 - 100% LEL 0 - 100% Vol.	≤ ±1.5% LEL methane at 50% LEL	1% LEL 0.1% Vol.	6851881							■	5-Yr	6	12	50% LEL CH ₄	50% LEL CH ₄	Can be configured for 2 ranges/gases via CC-Vision
IR-CO ₂ ES (replaces 6812190)	0 - 9,900 ppm 0 - 5.00% Vol.	≤ ±0.08 Vol.-% CO ₂ at 2.5 Vol.-%	50 ppm 0.02% Vol.	6851882							■	5-Yr	6	12	2.5% Vol CO ₂	2.5% Vol CO ₂	N ₂ required for CO ₂ zero calibration 0 - 50,000 ppm range in X-am 8000
PID DrägerSensor®																	
PID HC	0.3 - 2000 ppm	at 100 ppm isobutylene: ≤ ± 2% at zero point: ≤ ± 0.3 ppm isobutylene	0-20 ppm - 100 ppb >20 ppm - 200 ppb >50 ppm - 500 ppb >100 ppm - 1 ppm >200 ppm - 2 ppm >500 ppm - 5 ppm >1000 - 10 ppm	6813475							■	1-Yr	1	12	100 ppm isobutylene	100 ppm isobutylene	Use with benzene scrubber tube for benzene specific readings up to 100 ppm (01/2021).
PID LC	0-10 ppm isobutylene 0.025-5 ppm benzene	at 5 ppm isobutylene: ≤ ± 2% at zero point: ≤ ± 0.05 ppm isobutylene	0-2 ppm - 10 ppb >2 ppm - 20 ppb >5 ppm - 50 ppb	6813500							■	1-Yr	Each use	N/A	5 ppm isobutylene	5 ppm isobutylene	Requires zero air or N ₂ for zero calibration. 30 minute warm up time, if not stored on charger. Use with benzene scrubber tube for benzene specific readings up to 100 ppm (01/2021).

* Comments - FKM tubing is recommended for all sensors with the exception of chlorine, nitrogen dioxide and ammonia. For chlorine, use the Teflon-lined Tygon tubing and for nitrogen dioxide and ammonia use the Tygon tubing.

1. From December 1st, 2018, 5-year warranty when sold as installed in an X-am multi-gas monitor. 3-year for replacement sensors.
2. 0-100%Vol range in X-am 5000 only when selected
3. Full Range mode in X-am 8000
4. Full Range mode in X-am 5800

Sensors

Part No.	Sensor	Part No.	Sensor	Part No.	Sensor	Part No.	Sensor
6813500	 Dräger Sensor PID-LC ppb (0.03 – 10 ppm isobutene)	6812385	 Dräger Sensor XXS O ₂ 100 0 – 100 % by vol. O ₂	6810888	 Dräger Sensor XXS NH ₃ 0 – 300 ppm NH ₃	6811535	 Dräger Sensor XXS OV-A 0 – 200 ppm EO
6813475	 Dräger Sensor PID-HC (0-2000 ppm isobutene)	6812010	 Dräger Sensor XXS CO HC 0 – 10000 ppm CO	6810890	 Dräger Sensor XXS Cl ₂ 0 – 20 ppm Cl ₂	6812025	 Dräger Sensor XXS H ₂ HC 0 – 4 % by vol. H ₂
6812950	 Dräger Sensor CatEx 125 PR 0-100 % LEL or 0-100 % by vol. CH ₄	6813210	 Dräger Sensor XXS CO LC 0 – 2000 ppm	6810887	 Dräger Sensor XXS HCN 0 – 50 ppm HCN	6812370	 Dräger Sensor XXS H ₂ 0 – 2000 ppm H ₂
6813080	 Dräger Sensor CatEx 125 PR- Gas 0-100 % LEL or 0-100 % by vol. CH ₄	6812212	 Dräger Sensor XXS E CO 0 – 2000 ppm CO	6813165	 Dräger Sensor XXS HCN PC 0 – 50 ppm HCN	6812535	 Dräger Sensor XXS Odorant 0 – 40 ppm THT
6851880	 Dräger Sensor Dual IR Ex/CO ₂ ES 0 – 100 % by vol. CH ₄ 0 – 100 % LEL 0 – 5 % by vol. CO ₂	6811950	 Dräger Sensor XXS CO H ₂ - CP 0-2000 ppm CO (hydrogen compensated)	6811545	 Dräger Sensor XXS NO 0 – 200 ppm NO	6811540	 Dräger Sensor XXS Ozone 0 – 10 ppm O ₃
6851881	 Dräger Sensor IR Ex ES 0 – 100 % by vol. CH ₄ 0 – 100 % LEL	6810889	 Dräger Sensor XXS CO ₂ 0 – 5 % by vol. CO ₂	6810884	 Dräger Sensor XXS NO ₂ 0 – 50 ppm NO ₂	6813275	 Dräger Sensor XXS CO LC / O ₂ 0 – 2000 ppm CO 0 – 25 % by vol. O ₂
6851882	 Dräger Sensor IR CO ₂ ES 0 – 5 % by vol. CO ₂	6811410	 Dräger Sensor XXS H ₂ S/CO 0 – 2000 ppm CO 0- 200 ppm H ₂ S	6812600	 Dräger Sensor XXS NO ₂ LC 0 – 50 ppm NO ₂	6813280	 Dräger Sensor XXS CO LC / H ₂ S LC 0 – 2000 ppm CO 0 – 100 ppm H ₂ S
6800276	 Dräger Sensor Dual IR Ex/CO ₂ HC 0 – 100 % by vol. CH ₄ 0 – 100 % LEL 0 – 100 % by vol. CO ₂	6812213	 Dräger Sensor XXS E H ₂ S 0- 200 ppm H ₂ S	6810886	 Dräger Sensor XXS PH ₃ 0 – 20 ppm PH ₃	6814137	 Dräger Sensor XXS O ₂ / H ₂ S LC 0 – 25 % by vol. O ₂ 0 – 100 ppm H ₂ S
6812211	 Dräger Sensor XXS E O ₂ 0 – 25 % by vol. O ₂	6810883	 Dräger Sensor XXS H ₂ S 0- 200 ppm H ₂ S	6812020	 Dräger Sensor XXS PH ₃ HC 0 – 2000 ppm PH ₃	6800040	 Dräger Sensor CO / HCN 0 - 2000 ppm CO 0 - 50 ppm HCN
6810881	 Dräger Sensor XXS O ₂ 0 – 25 % by vol. O ₂	6811525	 Dräger Sensor XXS H ₂ S LC 0- 100 ppm H ₂ S	6810885	 Dräger Sensor XXS SO ₂ * 0 – 100 ppm SO ₂		
6800530	 Dräger Sensor XXS O ₂ PR 0 – 30 % by Vol. O ₂	6812015	 Dräger Sensor XXS H ₂ S HC 0 – 1000 ppm H ₂ S	6811530	 Dräger Sensor XXS OV 0 – 200 ppm EO		

*If you are using this sensor with H₂S, you will need a KX filter (part no. 6811344) over the sensor.

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