

Gas-Explorer Models

Price List and Unit Specifications

Accurate. Reliable. Safe. Tackle any job with the Gas-Explorer.

Models, Pricing, Upgrades and Calibration Options

Description	Model	DataLink4Access	DL-001
Natural Gas Detector	EGI-201/211	Manual Calibration Setup	PCA-302
Natural Gas and CO	EGC-301/311	One Gas Calibration Setup	MCS-001
Natural Gas and Oxygen	EGO-321/322	Network Docking Station 2 Gas	NDS-100
Natural Gas, CO and Oxygen	EGA-411/412	Network Docking Station 3 Gas	NDS-301
Natural Gas, CO, Oxygen and H ₂ S	EGA-611/612	* Each Gas-Explorer has a built-in pump and comes with ACal and NCal firmware, metal gooseneck probe (GP-514), dust & water block filter (WF-501), set of batteries, carrying case (IC-501) and an operating manual.	
GPS Upgrade	GO-001		
Bluetooth Upgrade	BT-001		

Unit Specifications

Sensors	Methane (Dual CC/TC) Oxygen (Electrochemical) CO (Electrochemical) H ₂ S (Electrochemical)	Battery Life	10-12 hours
		Dimensions	Height 9.0" (22.9 cm) Width 3.50" (8.90 cm) Depth 2.50" (6.40 cm)
Resolution	Track Gas: 20 ppm (0-40,000 ppm) Monitor: 0.05% volume (0-5%) Monitor: 1.0 % volume (5-100%) CO: 1 ppm Oxygen: 0.1% volume H ₂ S: 1 ppm	Weight	1.50 lb (0.68 kg)
Calibrated Accuracy (10 ° - 35 ° C)	Track Gas: ±2% of sample, ±20ppm Gas: ±0.1% volume (0-5% volume) Gas: ±2% volume (5-100% volume) ± 5%, ± 10 ppm CO (± 10% above 1000 ppm CO) ± 0.2% oxygen by volume ± 5%, ± 1 ppm H ₂ S	Accuracy Open Sky SBAS	1-3 m real time < 0.5 m post processed WAAS differential corrections
Lower Limit of Detection	20 ppm Methane (0.04% LEL) 1 ppm CO 1 ppm H ₂ S	Technical Description	20 channels 200,000 effective correlations
Data Logging	Automatic, time & mode stamped 2-3 months readings data 1 month GPS data	Dynamic Constraints	Velocity up to 500 m/s, acceleration up to 4G
Warm-up Time	60 seconds	Acquisition Performance at -125 dBm	Typical 90% <i>Hot Start</i> 0.5 s < 1 s <i>Warm Start</i> 31 s 36 s <i>Cold Start</i> 33 s 38 s
Operating Temperature	-30°C to 50°C (-20°F to 120°F)	Software Interface	NMEA/SiRF Binary
Storage Temperature	-40°C to 60°C (-40°F to 140°F)	Bluetooth Class	Class 2 type output power
Humidity	0 to 98% RH	Bluetooth Range	10 m
Power Supply	2 C alkaline or NiMH rechargeable batteries		
Intrinsic Safety	Class 1, Division 1, Groups C, D		

