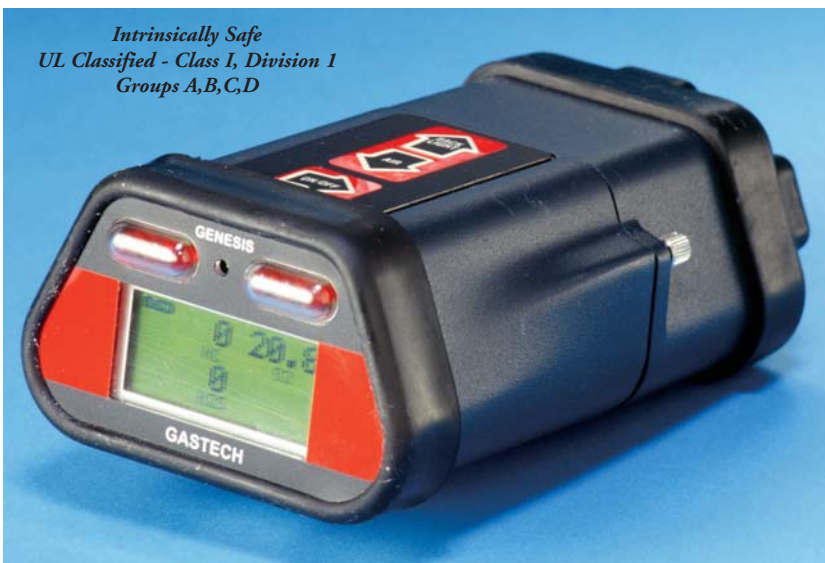




*Intrinsically Safe
UL Classified - Class I, Division 1
Groups A,B,C,D*



Built for outstanding durability and reliability in the most demanding environments, the **GASTECH Genesis** monitors up to four parameters. The unit is configured to monitor oxygen, combustibles, carbon monoxide and hydrogen sulfide.

In addition to standard sampling by diffusion, the GASTECH Genesis can be used for remote sampling via a built-in pump.

Specifications:

Parameter	Detector	Range (Increments)	Power
Oxygen (O ₂)	Electro-chemical	0-30.0% vol. (0.1% vol.)	: Intrinsically-safe battery packs : NiHy battery pack or 3-AA alkaline batteries
Combustible Gases	Catalytic Combustion	0-100% LEL (1%LEL)	Battery Life : 8-22 hours, depending on battery type and pump usage
Carbon Monoxide (CO)	Electro-chemical	0-250 ppm (1 ppm)	Operating Cond : Temperature -20 to +45C : Relative Humidity 0-95% (non-condensing)
Hydrogen Sulfide (H ₂ S)	Electro-chemical	0-200 ppm (1 ppm)	Approvals : UL Classified Class I, Division 1, Groups A,B,C,D : CSA Approval Pending
Accuracy	: ± 10%		Dimensions : 5.7 cm x 9.4 cm x 15.2 cm (2.25" x 3.7" x 6.0")
Repeatability	: ± 5%		Weight : 454 g (16 oz.)
Response Time	: 90% in less than 60 seconds		Alarm Settings : User-adjustable
Display	: LCD, backlight on demand		Alarm Types : Rising/falling O ₂ : Rising high and low all toxics, sensor circuit failure and low battery
			Alarm display : Flashing LEDs : Audible buzzer, 93dB @ 30 cm

Features:

- Detects O₂, LEL, CO and H₂S
- Peak, STEL & TWA readings on request
- LED alarm array is 180° viewable
- Glow-in-the-dark buttons
- Durable, water-resistant construction with Duraplus™ suspension system to cushion internal components
- Operates with NiHy or "AA" alkaline batteries

Typical Applications:

- Confined space entry
- Oilfield safety
- Gas plants and refineries
- Chemical and petrochemical plants
- Construction and utilities

- Standard Accessories:**
- Charger
 - Shoulder strap