

GRAYWOLF SPECIFICATIONS



DirectSense Electrochemical Gas Sensor Summary

| SENSOR | RES (ppm) | RANGE | LOD (ppm) | SENSOR DRIFT | T ₉₀ RESPONSE | RECCO'D CAL REQUENCY | EXPECTED LIFE (Min) |
|---|-----------|---------------|-----------|--------------|--------------------------|----------------------|---------------------|
| Ammonia (NH ₃) Standard Range | 0.1 | 0.0 to 100.0 | 1 | 5%/6 months | <60s | 12 months | 24 months* |
| Ammonia (NH ₃) High Range | 1 | 0 to 1000 | 12 | 10%/6 months | <90s | 6 months | 24 months* |
| Arsine (AsH ₃) | 0.01 | 0.00 to 1.00 | 0.02 | 5%/6 months | <30s | 12 months | 18 months |
| Carbon monoxide (CO combo w/H ₂ S sensor) | 0.1 | 0.0 to 500.0 | 1 | 5%/year | <35s | 12 months | 36 months |
| Carbon monoxide (CO solo) | 0.1 | 0.0 to 750.0 | 0.5 | 3%/year | <25s | 12 months | 24 months |
| Chlorine (Cl ₂) | 0.01 | 0.00 to 10.00 | 0.02 | 4%/month | <40s | 6 months | 24 months |
| Chlorine dioxide (ClO ₂) | 0.01 | 0.00 to 1.00 | 0.02 | 5%/6 months | <120s | 12 months | 24 months |
| Diborane (B ₂ H ₆) | 0.01 | 0.00 to 1.00 | 0.02 | 5%/6 months | <30s | 6 months | 18 months |
| Ethylene oxide (EtO) | 0.1 | 0.00 to 20.0 | 0.3 | 5%/year | <120s | 12 months | 24 months |
| Fluorine (F ₂) | 0.01 | 0.00 to 1.00 | 0.02 | 5%/month | <80s | 4 months | 18 months |
| Hydrogen (H ₂) | 1 | 1 to 1000 | 2 | 2%/month | <90s | 6 months | 24 months |
| Hydrogen chloride (HCl) | 0.1 | 0.0 to 30.0 | 0.5 | 3%/month | <70s | 6 months | 24 months |
| Hydrogen cyanide (HCN) | 0.1 | 0.1 to 100.0 | 0.2 | 5%/month | <50s | 4 months | 24 months |
| Hydrogen fluoride (HF) | 0.1 | 0.00 to 10.0 | 0.1 | 10%/6 months | <90s | 12 months | 18 months |
| Hydrogen sulfide (H ₂ S combo w/CO sensor) | 0.1 | 0.1 to 80.0 | 0.5 | 5%/year | <35s | 12 months | 36 months |
| Hydrogen sulfide (H ₂ S solo) | 0.01 | 0.00 to 50.0 | <0.03 | 4%/yr | <25s | 12 month | 24 months |
| Nitric oxide | 0.1 | 0.00 to 140.0 | 0.2 | 1%/month | <20s | 6 months | 24 months |
| Nitrogen dioxide (NO ₂) | 0.01 | 0.00 to 30.0 | 0.02 | 4%/month | <40s | 6 months | 24 months |
| Ozone (O ₃) | 0.01 | 0.00 to 1.0 | 0.02 | 10%/6 months | <60s | 12 months | 18 months |
| Phosgene (CCl ₂ O) | 0.01 | 0.00 to 1.0 | 0.02 | 5%/6 months | <120s | 12 months | 12 months |
| Phosphine (PH ₃) | 0.01 | 0.00 to 5.0 | 0.05 | 2%/month | <60s | 6 months | 24 months |
| Silane (SiH ₄) | 0.01 | 0.01 to 50.0 | 0.05 | 5%/6 months | <60s | 12 months | 18 months |
| Sulfur dioxide (SO ₂) | 0.1 | 0.0 to 30.0 | 0.1 | 2%/month | <25s | 6 months | 24 months |
| | % | | % | | | | |
| Oxygen (O ₂) | 0.1 | 0 to 25% | 0.2 | 1%/3 months | <15s | 12 months | 24 months |

*NH₃ is a consumptive sensor. Sensor life assumes use in air.
All specifications are subject to change without further notice.

GRAYWOLF SENSING SOLUTIONS

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