

GRAYWOLF SPECIFICATIONS



Surveyor Specifications

Instrument Specifications	IAQ Surveyor II	IAQ Surveyor Pro
Use	Multifunction designed for use with GrayWolf's 1260GSS 4 Function CO ₂ , CO, %RH, °C/°F probe and GrayWolf's 2300 AHTS 3 Function Airspeed, %RH, °C/°F probe	
Power Requirements	3 x C size disposable alkaline batteries Optional AC adapter 100 to 240 V ac, 50/60 Hz Rechargeable batteries and external charger may be used	
Inputs available	1260GSS and/or 2300AHTS probes (simultaneous)	Auto zeroing differential pressure (built-in) 'K' type thermocouple temperature 1260GSS and/or 2300AHTS (simultaneous)
Typical battery life	130 hours (subject to type of probes connected)	
Operating temperature (instrument)	0°C to 50°C (32°F to 122°F)	
Operating humidity (instrument)	0 to 90% RH	
Material	Impact resistant ABS	
Ingress protection	IP54	
Dimensions	265 mm x 135 mm x 42 mm (10½" x 5¼" x 1½")	
Weight	0.9 kg (2 lbs)	
Manual data capture and review	Yes	Yes
Automatic VFR compensation	No	Yes
Advanced data logging	Yes	Yes
Data download to PC	Yes	Yes

Probe Specifications: 1260GSS 4-Function Probe

Sensor Types			
Temperature	Platinum Pt100 RTD, o.1% grade		
Relative Humidity	Thin-film capacitive		
Carbon Monoxide	Electrochemical CO micro-sensor		
Carbon Dioxide	Non-Dispersive Infra-Red (NDIR)		
Range Resolution & Accuracy			
	Range	Resolution	Accuracy
Temperature	-10°C to +70°C (14°F to +158°F)	0.1°C	±0.3°C
Relative Humidity	0.0 to 98.0% RH	0.1%	±2%RH (<75%RH) ±3% of reading (>75%RH)
Carbon Monoxide	0.0 to 500ppm	0.1ppm	±2ppm (<40ppm) ±5% (>40ppm)
Carbon Dioxide NDIR Sensor	0.0 to 5000ppm	1ppm	±5% of reading ±50ppm

GRAYWOLF SENSING SOLUTIONS

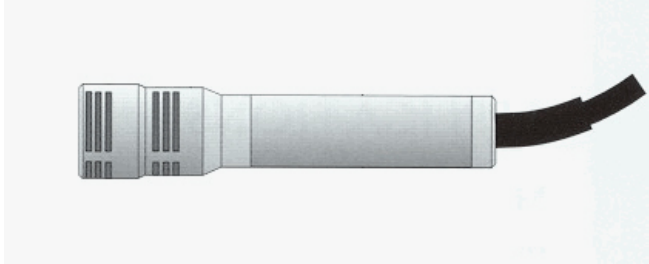
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Dimensions



Overall: 11.5" H x 2.0" D (225mm x 50mm)
 Handle: 5.3" L x 1.6" D (135mm x 40mm)
 GH2 hydrator adds 3.0" (75mm) to length Cable Length:
 6.5 feet (2m)

Weight	12 oz / 350g
Housing	Material: Black acetal Sealing: IP44
EMC Protection	Emissions: EN55022 Class B Immunity: EN50082-1
Connection	5 ft (1.5m) cable, with 12 pin locking DIN connector. AC adapter charger socket: 2.1mm DC socket (negative center).
Instrument Battery Life	35 hours continuous operation with 1260GSS probe.
Operating Range Limits	Temperature: 32°F to 104°F / 0°C to 40°C Humidity: 0% to 100% RH (non-condensing)
Storage Range Limits	Temperature: 32°F to 77°F / 0°C to 25°C Humidity: 0% to 100% RH (non-condensing)
Response Times	The following t90 response times, (i.e. the time taken for the display measurement to show 90% of the change towards the measured condition), apply to the Surveyor and the 1360GSS Four Function Probe combination when exposed to airflow at 0.25 m/s or 50 ft/min. Temperature: 30 seconds; Relative Humidity: 30 seconds; Carbon Monoxide: 45 seconds; Carbon Dioxide: Less than 60 seconds

