

Advanced Environmental Instrumentation

Harnessing State-of-the-Art Technology for Air Measurement Applications



✓ Surveyed

✓ Monitored

✓ Reported



Tabular Display

LIVE TABLE >

21 - JAN - 2026

	TVOC µg/m3	NH3 ppm	SO2 ppm >
08:45:00	1251.1	2.1	0.89
08:46:00	1257.3	2.1	0.88
08:47:00	1258.0	2.2	0.87
08:48:00	1263.7	2.2	0.86
08:49:00	1266.4	2.2	0.86
08:50:00	1270.6	2.2	0.83
08:51:00	1281.9	2.1	0.84
08:52:00	1287.2	2.1	0.80
08:53:00	1290.5	2.1	0.81

Fab Floor 1

Live Screen

LIVE >

SMXM 11-0905

TVOC	98	ppb
Carbon Dioxide	658	ppm
Carbon Monoxide	0.2	ppm
Formaldehyde	16	ppb
Relative Humidity	34.6	%RH
PM 1.0	0.49	µg/m3
PM 2.5	0.97	µg/m3
PM 10	4.43	µg/m3
TPM	6.02	µg/m3

TREND LOG Reception Area SNAP LOG

Descriptive Data File Names

Locations > 18:21

125 Commerce Drive	>
2nd Floor	>
Conference Room	
Cafeteria	
Janitors Closet	
Atrium	>
ACME Refinery	>
Kennedy High School	>

Example Screens



WolfPack[®] XM

Air Quality Monitor Plus



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The WolfPack XM is the newest of GrayWolf's purpose-built environmental monitors. A portable, yet easily mountable platform with modules for 6-channel particulate and multiple smart gas sensors, running advanced, WolfOS[™] software. A rugged form factor, with proven, cutting-edge electronics. For 25+ years, GrayWolf has transformed the way that environmental measurements are taken. Display, data-log and annotate (on-site) a broad range of parameters with an accurate, highly-reliable monitor.

- Simultaneously measure up to 8 plug-and-play sensors with the internal Smart Sensor Module
- Available sensors for the smart sensor module: TVOCs, CO₂, CO, O₃, NH₃, HCHO, H₂S, NO, NO₂, SO₂, Cl₂, O₂, EtO, HCN, H₂, HF, HCl, F₂, AsH₃, SiH₄, %RH, °C/°F, dewpoint and other parameters
- PM 0.5, PM 1.0, PM 2.5, PM 5.0, PM 10, and TPM are also measured simultaneously with the internal Particulate Module, which includes a precision pump
- Bluetooth wireless and/or cable connection to external DirectSense XM probes
- WiFi for optional GrayWolfLive[®] cloud data access and for emailing data
- Bright, back-lit color touch screen
- Feature rich with productivity tools that make your environmental surveys more efficient, more detailed, more reliable:
 - Text/Event notes auto-attach to data
 - Speaker for audible queues, alarms and more
 - On-board educational info, sensor tips and more
 - Data transfer & reporting software for trend graphs, note management and much more
 - Or simply download data and notes as .CSV files
- Highly intuitive and extremely Easy-To-Use



WolfPack[®]XM

Air Quality Monitor Plus

SPECIFICATIONS:

(for additional sensor/probe specifications refer to GrayWolf's brochures graywolvesensing.com/product-literature/)

General:

Dimensions:	23.2cm (9.1in.) w x 20.4cm (8.0in.) h x 9.8cm (3.9in.) d
Construction:	Rugged ABS plastic with rubberized top and bottom grips. IP30
Weight:	2.2 kg (4.85 lb) with battery pack, but not including sensor modules
Screen Size:	3.5" HVGA 320 x 480 color touch screen with backlight
Memory:	32GB for data-logging (millions of readings)
Wireless Network:	Wi-Fi 802.11 b/g/n with integrated antenna and Bluetooth 4.0 standard (may optionally be ordered with wireless hardware removed)
Audio:	8 ohm speaker on back for alarms, audio queues
Mounting:	1/4" - 20 thread (on bottom) for tripods
Operating Range:	-10°C to 50°C (15°F to 122°F), 0 to 100 %RH non-condensing

Connectors:

1 x Rugged 8-pin push-pull socket for WP-SMXM-8 User Cal and for external GrayWolf DirectSense XM probe(s). The WolfPack XM will support up to 2 x external DirectSense XM probes with Y-cable adapter and/or via Bluetooth. AD-DSIIL8-1M 8-pin rugged connector cable supplied as standard.

1 x USB-C socket. A USB-C to USB-A download cable is supplied as standard

1 x 15V, 2.5mm DC power socket

2 x internal DB9 sockets for removable Particulate and Smart Sensors Modules

Power:

Battery: Lithium Ion battery pack (customer removable). Supports display, logging, wireless, smart gas sensor module, particle module, and external probes.

Battery Life: 24 hours typical for new battery w/ backlight & wireless off (and probes self-powering)

The WolfPack XM can power one or two cabled DirectSense XM probes
Battery life will vary when powering external probes

Recharge time: 4 hours typical. Red/green front LED displays charging/fully charged status

Power supply: 100/240VAC wall charger (US, EU, UK, AU plugs, and 3m ext cable included)

WolfOS software features are being added and can be downloaded FREE when released.

All specifications are subject to change without further notice.

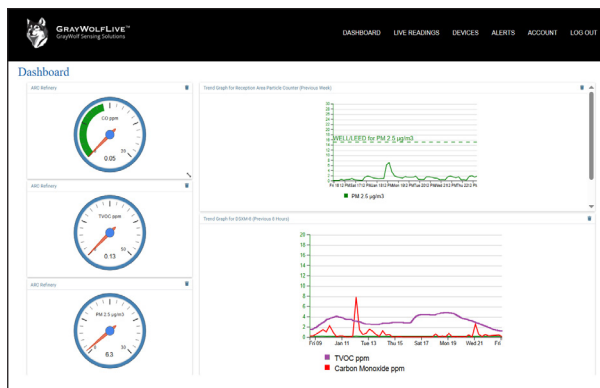
Built-in Sensor:

The **barometric pressure** sensor, supplied as standard, will compensate mass concentration readings (µg/m³) for pressure changes when enabled.

Range: 600 to 825 mmHg, 800 to 1100 mBar, 23.50 to 32.50 inHg, 0.80 to 1.10 atm

Resolution: 0.1 mmHg, 0.1 mBar, 0.01 inHg, 0.01 atm

Accuracy: ±0.1% rdg



GrayWolfLive ▶
Optional cloud software for remote data monitoring, storage, access, reporting, and alarms.



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✓ Measure Reliably

✓ Report Efficiently

The WolfPack XM incorporates slots for 2 user-removable modules:



▲ **WP-PSXM-6** Laser scattering Particle Module, 6-channel, with precision built-in pump, isokinetic inlet and purge filter.



▲ **WP-SMXM-8** Smart Sensor Module with a choice of up to 8 sensors from 25+ plug-and-play sensors.



▲ Plug-and-play smart gas sensors for the Smart Sensor Module. Choose from a large selection for your specific requirements.



▲ Tripod kits with mounting brackets are available for the WPXM, external probes and more.



▲ **PCC-26WPXM** Hardshell security case holds WolfPack XM, all standard supplied accessories, and cutouts for an optional external probe and more.



▲ **ACC-WPXM-STRI** Shoulder strap is included as standard for walk-thru applications.

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