

Advanced Environmental Instrumentation

Harnessing the Power of Mobile Computing



✓ Surveyed

✓ Documented

✓ Reported



GrayWolf is transforming how to Measure, Data-Log and Report on worker and general environmental exposure levels. The AdvancedSense TVOC is a powerful data collection tool, packed with on-board application information and advanced documentation features; highly intuitive and Easy-To-Use.

- VOCs, %RH, °F/°C plus up to 5 specific gas sensors per probe (all "plug-and-play" in DSII probes)
- Choice of PID sensors optimized for ppb or ppm VOC concentrations
- On-board list of 250+ compounds detected by the PID sensor
- On-screen info about common VOCs including typical indoor air sources, worker exposure limits and much more...
- Response factors for common compounds; display/log corrected VOC values
- Productivity tools: audio notes, text notes, data file linked photos and more...
- WolfSense® PC desktop data transfer & analysis software included
- Optional GrayWolfLive™ WiFi access to data & notes, with e-mail/text alerts when alarm conditions are exceeded

ADVANCEDSENSE® DIRECTSENSE® TVOC

Multi-Gas PID Meters



GRAYWOLF®
SENSING SOLUTIONS
PH. 1-203-402-0477

EMAIL:
SALESTEAM@
GRAYWOLFSENSING.COM

WEBSITE:
WWW.GRAYWOLFSENSING.COM



ADVANCEDSENSE® DIRECTSENSE® TVOC

Multi-Gas PID Meters

DSII-3, DSII-5, DSII-7, DSII-8 VOC Probes

SPECIFICATIONS:

VOCs (SEN-SMTA-VOC-PPMH PID sensor, 10.6eV lamp) Range: 0.1 to 10,000ppm

10.6 eV PIDs do not respond to VOCs with ionization potentials >10.6, such as methane (which at ~2ppm background is typically preferable *not* to measure), ethane or formaldehyde. However, they do respond to the vast majority of VOCs. Standard calibration is to Isobutylene. Users may calibrate to alternative VOCs.

VOCs (SEN-SMTA-VOC-PPB PID sensor, 10.6eV lamp) Range: 1 to 40,000ppb

User selectable units: ppb, ppm, µg/m³, mg/m³. Alternative ranges are available.

Carbon Dioxide NDIR sensor (DSII) Range: 0 to 10,000ppm, 0 to 1%

Accuracy ±35ppm 350-2000ppm, ±3% reading ±50ppm >2000ppm

Relative Humidity: Range: 0.0 to 100.0 %RH

Accuracy: ±2%RH <80%RH (±3%RH>80%RH)

Temperature: Range: 5.0° to 160.0°F (-15° to +70°C)

Accuracy: ±0.3°C

Response Time: VOC, %RH, CO₂ and °F/°C sensor

All exhibit 90% response <1 minute

Probe Dimensions (DSII): 83mm (3.3in.)w. x 295mm (11.6in.)h. x 55mm (2.2in.)d

Probe Weight (DSII): 460gr (1lb) + ~10g/sensor

Probe Power (DSII): Lithium ion rechargeable, 18+ hours typical battery life

Alternatively, power the sensors continuously from the (cabled) meter or WIN tablet

Operating Range: 0 to 90 %RH (non-condensing), -15°C to 60°C

Specific gas sensors may have a reduced operating range

PC Software Requirements (for WSPC or WSLAP): Windows 8/10/11

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE

- Specify low (ppb), mid or high (ppm) range PID sensor. °C/°F, %RH sensors included. Add up to 2 smart sensors for DSII-5 and up to 5 smart sensors for DSII-8.

Choose from:

O ₃	NH ₃	Cl ₂	EtO	O ₂	CO	HCHO
SO ₂	NO	NO ₂	HCN	AsH ₃	H ₂ S	HCl
H ₂	F ₂	ClO ₂	COCl ₂	SiH ₄	PH ₃	HF

Note 1: Specialty mid-range VOC (200ppm, 4000ppm) PID sensors are available

Note 2: An NDIR CO₂ sensor may also be added to the DSII-5 or DSII-8 probes

- Order GrayWolf TVOC Kits with an AdvancedSense XM, rugged Windows tablet, or Android device included, along with accessories. Or order Kits set-up to operate with your own iOS/Android/Windows device.
- Advanced Report Generator software for automated, detailed TVOC reports, tripods, security cases, and other accessories are available from GrayWolf. Find out more at www.graywolvesensing.com/accessories/.



**GRAYWOLF®
SENSING SOLUTIONS**
6 RESEARCH DRIVE (WORLDWIDE HEADQUARTERS)
SHELTON, CT 06484 USA
PH. (1) 203-402-0477
800-218-7997



EMAIL: SALESTEAM@GRAYWOLFSENSING.COM

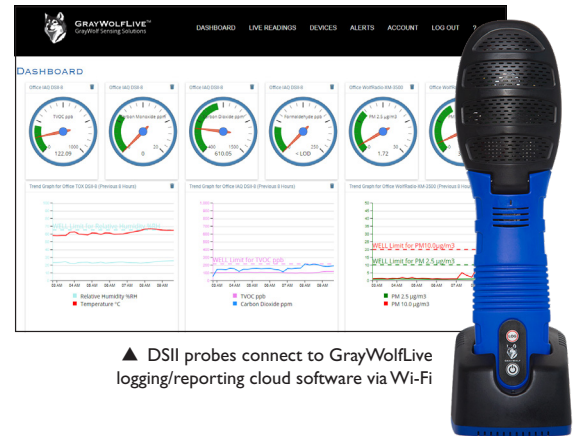
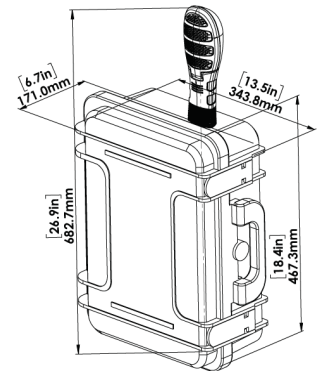
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MEASURE SMART

PCC-20A Hard-shell
Security/Carry Case



REPORT EFFICIENTLY



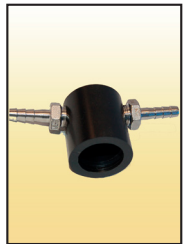
DSII probes connect to GrayWolfLive logging/reporting cloud software via Wi-Fi

Windows tablet platforms are available from GrayWolf with security case foam cuts, pouches, etc. ▼



CA-HD4-A1

Calibration cap for all A series sensors in DSII probes. Supplied with 2m tubing.

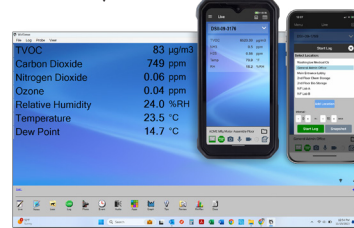


CA-GS25

PID/VOC Calibration Kit (zero & isobutylene).



Connect probes to AdvancedSense meters, WIN tablets (via cable or Bluetooth), or to Android or iOS devices via Bluetooth wireless ▼



Specific cal reference gases available for most sensors

**GRAYWOLF
SENSING SOLUTIONS**
ANNACOTTY INDUSTRIAL PARK, UNIT 1C
ANNACOTTY, COUNTY LIMERICK
IRELAND V94 PR2Y
PH. (353) 61358044