ADVANCEDSENSE® BE

Environmental Test Meter (Basic Edition)

GRAYWOLF® SENSING SOLUTIONS
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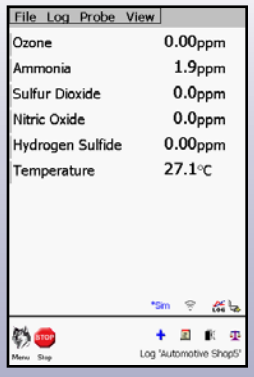
Advanced Environmental Instrumentation

Harnessing the Power of Mobile Computing

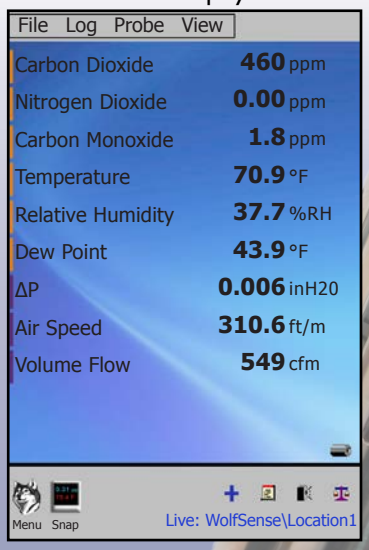
✓Surveyed ✓Documented ✓Reported

Example Screens

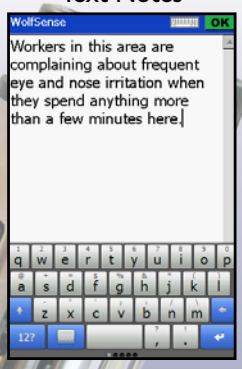
Live Screen



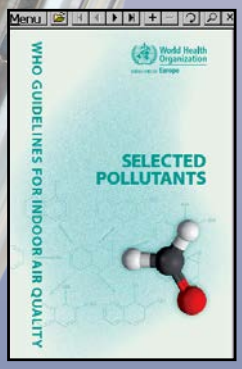
Live Display



Text Notes



On-Board Documents



On-Board Video Help

GrayWolf is transforming the way that environmental measurements are taken. The AdvancedSense BE meter runs highly advanced, very user-friendly application software. Display, data-log and annotate (on-site) a broad range of parameters with a single, rugged, cutting edge instrument.

- Connect a GrayWolf DirectSense® probe, from a choice of various models, with up to 6 sensors per probe
- Available sensors; differential pressure, airspeed, TVOCs, CO_2, %RH, °C/°F, CO, O_3, NH_3, H_2S, NO, NO_2, SO_2, Cl_2, HCN, HF, HCl, F_2 and other parameters
- Backlit color touch screen
- Data files simply auto-name or choose descriptive data file names
- Highly intuitive and extremely Easy-To-Use
- **Feature rich** with productivity tools that make your environmental surveys more efficient, more detailed, more reliable:
  - Microphone for audio documentation of surveys
  - Virtual keyboard for text notes that auto-attach to data files and for detailed data file naming
  - Speaker for audio queues/playback and more
  - On-board educational info, application docs, help videos, user tips and more
  - Data transfer & reporting software for trend graphs, note management and much more

ADVANCEDSENSE® BE

Environmental Test Meter (Basic Edition)

SPECIFICATIONS:
(for additional sensor/probe specifications refer to GrayWolf's DirectSense®, pitot tube brochures)

General:

Dimensions:	96.0mm (3.8in.) w. x 177mm (7.0in.) h. x 47.0mm (1.8in) d.
Construction:	Rugged polycarbonate plastic with rubberized side grips. IP64
Weight:	700gr (1lb 8.5oz.) Add 50gr (1.5oz.) for auto-zeroing ΔP option
Screen Size:	3.5" HVGA 320 x 480 color touch screen with backlight
Memory:	8GB for data-logging (millions of readings) and notes (text/audio), help videos and documents
Audio:	Integral electret microphone (on front, for audio recording) and 8 ohm speaker (on back, for audio queues, help videos and audio note replay)
Mounting:	¼" - 20 thread (on back) for belt clip, etc. (& for included mini tripod/stand)
Operating Range:	-10°C to 50°C (15°F to 122°F), 0 to 100 %RH non-condensing

Connectors:

1 x Lemo 8F pin for GrayWolf DirectSense probe
1 x Lemo 7F pin for RH-AS2 direct-connect TRH probe
1 x USB mini B socket. 1m mini USB B to USB A download cable supplied as standard
1 x 12V, 2.1mm DC power socket
Optional: 2 x 4mm posts for differential pressure tubing

Power:

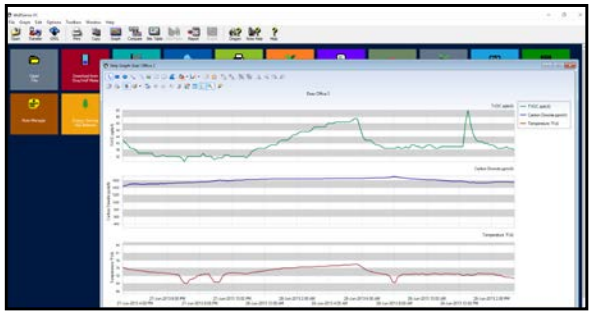
Battery:	4250 mAh Lithium Ion rechargeable
Battery Life:	18+ hours typical for new battery with backlight off (and probes self-powering)
	The AdvancedSense BE can power DirectSense probes. Battery life will vary when powering probes or pressure sensors
Recharge time:	4 hours typical. Red/green front LED displays charging/fully charged status
Power supply:	100/240VAC, 50-60Hz, 12VDC external charger. Specify local plug

All specifications are subject to change without further notice

Optional Built-in Sensors:

	Differential Pressure (**DP-702LH**)
Range	±10,000Pa, ±40 inH_2O, ±1000 mmH_2O, ±100 mbar, ±70 mmHg
Resolution	0.1 Pa, 0.001 inH_2O, 0.01 mmH_2O, 0.001 mbar, 0.001 mmHg
Accuracy (auto-zeroing enabled)	±1% of rdg ±0.1Pa up to 250Pa, ±1%rdg ±4Pa >250Pa (±1% of rdg ±0.001 inH_2O to 1.000 inH_2O, ±1%rdg ±0.015 inH_2O>1.000 inH_2O)

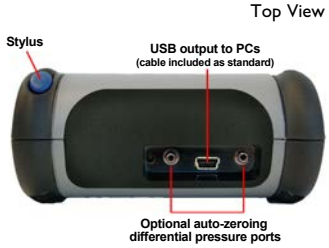
Differential Pressure is auto-zeroing
(every 2 minutes by default but zeroing frequency is user adjustable to 5 minutes or OFF)

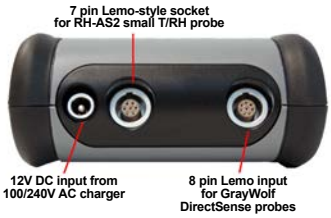


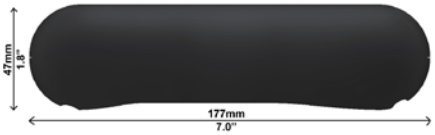
WolfSense® PC data transfer and analysis software supplied as standard

✓MEASURE SMART

✓REPORT EFFICIENTLY

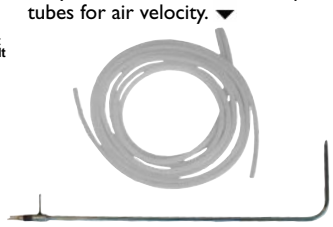






Right Side View

2m dual tubing is supplied with optional differential pressure sensor. GrayWolf offers a selection of pitot tubes for air velocity.



▲ **PCC-10A** Hardshell Security case holds AdvancedSense BE, probes & accessories. Smaller/larger cases also available.

PCC-AS01 pouch with neck-strap for hands free surveys. Also hand-strap/belt-loop.

Advanced Reporting Software, Calibration kits and other accessories are available from GrayWolf.
View them online at
accessories.graywolfsensing.com

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