

Advanced Environmental Instrumentation

Harnessing the Power of Mobile Computing



✓ Surveyed

✓ Documented

✓ Reported



Example Screens

Trend Log

File	Log	Probe	View
Ozone		0.00	ppm
Ammonia		1.9	ppm
Sulfur Dioxide		0.0	ppm
Nitric Oxide		0.0	ppm
Hydrogen Sulfide		0.00	ppm
Temperature		27.1	°C
Relative Humidity		72.1	%RH

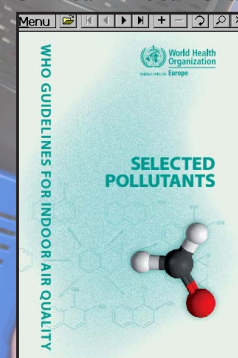
Live Display

File	Log	Probe	View
Carbon Dioxide		460	ppm
Nitrogen Dioxide		0.00	ppm
Carbon Monoxide		1.8	ppm
Temperature		70.9	°F
Relative Humidity		37.7	%RH
Dew Point		43.9	°F
ΔP		0.006	inH2O
Air Speed		310.6	ft/m
Volume Flow		549	cfm

Text Notes

Workers in this area are complaining about frequent eye and nose irritation when they spend anything more than a few minutes here!

On-Board Documents



ADVANCEDSENSE® BE

Environmental Test Meter (Basic Edition)

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 8 sensors per probe
- Available sensors; differential pressure, airspeed, TVOCs, CO₂, %RH, °C/°F, CO, O₃, NH₃, H₂S, NO, NO₂, SO₂, Cl₂, HCN, HF, HCl, F₂ 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



UK & Ireland Distributor

Kingfisher Business Park, London Road, Stroud, Gloucestershire, GL5 2BY, UK

Tel: +44 (0) 1453 733200

sales@et.co.uk

www.et.co.uk



ADVANCEDSENSE® BE

Environmental Test Meter (Basic Edition)

SPECIFICATIONS:
(for additional sensor/probe specifications refer to GrayWolf's DirectSense® probe, pitot tube and thermocouple 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, auto-ranging ΔP option
 - Screen Size: 3.5" HVGA 320 x 480 color touch screen with backlight
 - Memory: 32GB 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: 1/4" - 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: 16+ 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**

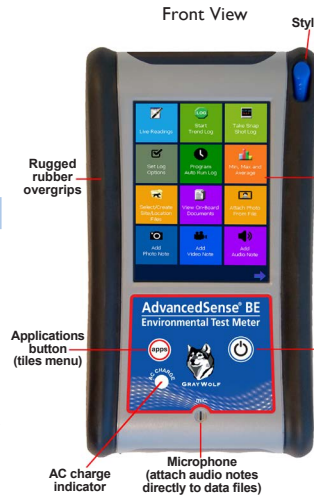
- Optional Built-in Sensors:**
- | | Differential Pressure (DP-702LH) |
|---------------------------------|--|
| Range | ±10,000Pa, ±40 inH ₂ O, ±1000 mmH ₂ O, ±100 mbar, ±70 mmHg |
| Resolution | 0.1 Pa, 0.001 inH ₂ O, 0.01 mmH ₂ O, 0.001 mbar, 0.001 mmHg |
| Accuracy (auto-zeroing enabled) | ±1% of rdg ±0.1Pa up to 250Pa,
±1%rdg ±4Pa >250Pa (±1% of rdg ±0.001 inH ₂ O to 1.000 inH ₂ O,
±1%rdg ±0.015 inH ₂ O >1.000 inH ₂ O) |

Differential Pressure is auto-ranging for exceptional low-end detection, yet a broad range. For exceptional accuracy, it is also auto-zeroing (every 2 minutes by default but zeroing frequency is user adjustable to 5 minutes or OFF)

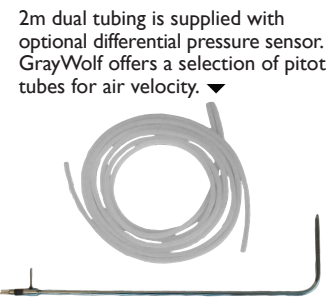
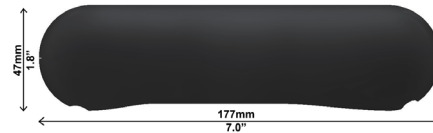
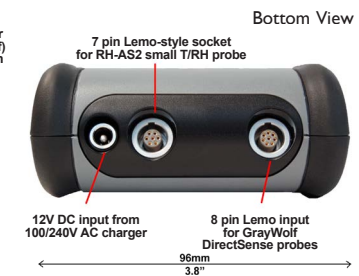
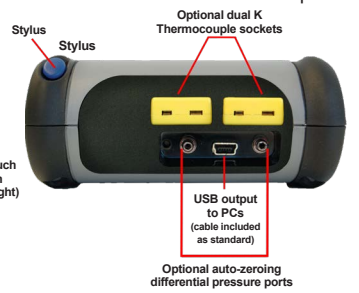


▶ **WolfSense® PC** data transfer and analysis software supplied as standard

Measure Smart



Report Efficiently



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



▲ **PCC-20A** Hardshell case holds AdvancedSense BE, probes (DS1 internally, or extended during secure monitoring) & accessories.



Advanced Reporting Software, Calibration kits and other accessories are available from GrayWolf. View them online at: www.graywolvesensing.com/accessories/

UK & Ireland Distributor



Kingfisher Business Park, London Road, Stroud, Gloucestershire, GL5 2BY, UK

Tel: +44 (0) 1453 733200 sales@et.co.uk www.et.co.uk