

Advanced Environmental Instrumentation

Harnessing the Power of Mobile Computing



✓ Surveyed

✓ Documented

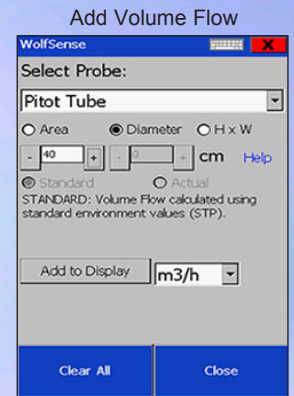
✓ Reported



Example Screens

Realtime

File	Log	Probe	View
ΔP			0.001 inH2O
Barometric			29.8 inHg
ΔT			1.1 °F
Air Speed			169 ft/m
Temperature			82.9 °F
Relative Humidity			38.9 %RH
Dew Point			64.2 °F



Click to "Snap" log

Click for Audio Note

Text Note attached

HVAC Field Note (completed template) attached



AS-201 patented, telescoping hotwire airspeed probe (shown collapsed)

ADVANCEDSENSE® HVAC

Environmental Test Meters



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

Email:
Salesteam@GrayWolfSensing.com

Website:
www.GrayWolfSensing.com

GrayWolf is changing the way that HVAC measurements are taken; enhancing your air sensing capability with a broad range of accurate, fast response sensors, and with advanced productivity tools. The AdvancedSense HVAC kit's powerful features are intuitive and Easy-To-Use.

- Differential Pressure, Air Velocity, Temperature, Relative Humidity, Dewpoint and more are standard
- The built-in DP sensor module is *both* auto-zeroing and auto-ranging for unparalleled resolution and range
- Measure air velocity & volume flow with the exceptionally accurate thermal anemometer and/or optional pitot tubes
- Expand your kit for CO₂, VOCs, toxic gases, particulate, ΔT and other parameters
- Display, Trend Log or Snap Log instantaneous and/or averaged readings
- Add Audio, Text and other notes to data files on-site
- Generate professional reports with supplied software, automated reports with optional WolfSense® ARG
- On-board educational documents, user tips, video help & industry videos
- Flexible, powerful, and Easy-To-Use



ADVANCEDSENSE[®] HVAC

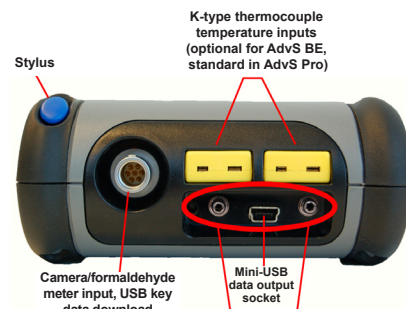
Environmental Test Meters

✔ Measure Smart

✔ Report Efficiently

Optional **DirectSense[®] II**
IAQ/multi-gas probe ▼

Top View



High accuracy, extremely low L.O.D., broad range, auto-zeroing and auto-ranging differential pressure ports

SPECIFICATIONS:

General:
 PC Download/Reporting Software Req's: Windows 7/8/10
 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)
 Screen Size: 785mm (3.5") HVGA 320 x 480 color touch screen with backlight
 Memory: 32GB for data-logging (1 million+ readings) , notes (photo/video/audio), WS AS application software, help videos, documents and auto data backup
 Audio: Integral microphone (on front) and speaker (on back)
 Mounting: 1/4" - 20 tpi thread (on back) for belt clip, included mini tripod/stand, etc.
 Operating Range: -10°C to 50°C (15°F to 122°F), 0 to 100 %RH non-condensing
 2x type-K thermocouple sockets (optional on BE). Range -110° to 2010°F (-80° to 1100°C)

Power:
 Battery: 4250 mAh Lithium Ion rechargeable
 Battery Life: 27+ hours typical for new battery with backlight off (and airtpeed probe, or optional probes self-powering)
 The AdvancedSense can power DirectSense probes. Battery life will vary when powering external probes (AS-201 power consumption increases with air velocity).
 Recharge time: 4 hours typical. LED displays charging/fully charged status
 Power supply: 100/240VAC, 50-60Hz external charger. Specify local plug.

RH-AS2 %RH/Temperature Probe:
 Relative Humidity: Range/Acc: 0 to 100 %RH non-condensing. ±2%RH <80%RH (±3%RH>80%RH)
 Air Temperature: Range/Accuracy: 5.0° to 160.0°F (-15° to +70°C) ±0.3°C
 Dimensions: 2.1" (54mm) L, 0.55" (14mm) Ø

AS-201 Hotwire Airspeed Probe:
 Air Velocity: Range: 0-6,000 ft/min (0.00-30.00 m/s)
 Accuracy: ±2% of Reading or ±3 ft/min (0.015 m/s), whichever is greater
 Temperature: Range: 15° to 160°F (-10° to +70°C)
 Accuracy: ±2° F (1.1°C)
 Stated AS-201 temperature accuracy is in a minimum 50 ft/min (0.25 m/s) airflow.
 Dimensions: 14.9" (380mm) L, 31.5" (800mm) L extended
 0.375" (9mm) diam. tip, 0.4375" (11mm) telescope base
 1.5" (38mm) diameter handle, 7.25" (185mm) L

Built-in (optional) Pressure Sensors

	Differential Pressure (DP-702LH)	Barometric Pressure (BP-101) AdvSPro only
Range	±10,000Pa, ±40 inH ₂ O, ±1000 mmH ₂ O, ±100 mbar, ±70 mmHg	600 to 825 mmHg, 800 to 1100mBar, 23.50 to 32.50 inHg, 0.80 to 1.10atm
Resolution	0.1 Pa, 0.001 inH ₂ O, 0.01 mmH ₂ O, 0.001 mbar, 0.001 mmHg	0.1mmHg, 0.1mBar, 0.01 inHg, 0.01atm ±0.1% rdg
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)	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE
 The **AdvancedSense HVAC Premium** is a comprehensive kit that includes **AdvSBE meter (ASBE-HVAC-PR)** or **AdvSPro meter (ASPRO-HVAC-PR)**, **DP-702LH DP Sensor**, **AS-201 hotwire anemometer**, **RH-AS2 TRH**, **WolfSense PC** data download/reporting software, **SWS-AS3a** 3 year added software upgrade subscription, **PCC-22AS** hard shell case and **PCC-AS01 AdvS pouch w/belt strap and neck strap**. A range of additional probes and accessories are available from GrayWolf to expand your kit.



**GRAYWOLF[®]
SENSING SOLUTIONS**
 6 Research Drive (Worldwide Headquarters)
 Shelton, CT 06484 USA
 Ph. (1) 203-402-0477
 800-218-7997

Email: Salesteam@GrayWolfSensing.com
www.GrayWolfSensing.com

**GRAYWOLF
SENSING SOLUTIONS**
 Annacotty Industrial Park, Unit 1C
 Annacotty, County Limerick
 Ireland V94 PR2Y
 Ph. (353) 61358044

RH-AS2 probe (included) shown at left with optional **ACC-RH-HDLA** handle with 1 m cable ▼



▲ **PCC-22AS** hard-shell case, Included (shown with optional **PIT-504-KIT**)

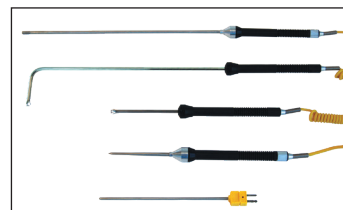
◀ Optional **AS-202A** articulating hotwire probe



PC-3016A ▶ six channel particle counter



▼ GrayWolf's unique **PIT-504-KIT** expandable Pitot Tube kit (shown with 2 extra extensions)



GrayWolf's optional **300 Series** ▲ K-Type Thermocouple probes (or use your own)

Optional GrayWolf supplied pitot tubes (or use your own) ▶

