The GrayWolf Zephyr III has exceptional low-end accuracy, yet a wide range. Auto-ranging ΔP sensors, combined with auto-zeroing make this the top performing handheld micromanometer on the market.

- Differential Pressure accurate to 0.1 Pa, 0.002 inH₂O (switchable units)
- Broad range ±10,000Pa, ±40 inH₂O
- The built-in DP sensor module is both auto-zeroing and auto-ranging for unparalleled true resolution, accuracy and range
- Measure Air Velocity & Volume Flow with the exceptionally accurate (+/- 2% RDG) optional thermal anemometer
- Alternatively, connect Pitot-Static tubes to measure broad-ranging airspeeds, over wide °C/°F ranges
- Display, Trend Log over time 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 and video help
- Expand your kit for Pt100 temperature and %RH
- Flexible, powerful, and Easy-To-Use
## ZEPHYR™ III
### MICROMANOMETER

**Differential Pressure Meter**

### 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 (1million+ readings), notes (audio, text, etc.), WS AS application software, help videos, documents and auto data backup
- **Mounting:** ¼” - 20 tpi thread (on back) for optional belt clip, mini tripod/stand, etc.
- **Operating Range:** -10ºC to 50ºC (15ºF to 122ºF), 0 to 100 %RH non-condensing
- **Power:**
  - **Battery:** 4250 mAh Lithium Ion rechargeable
  - **Battery Life:** 24+ hours typical for new battery with backlight off
  - **Battery life will vary when powering external probe (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 charger supplied w/US, EU, UK, AU plugs

#### Built-in Differential Pressure Sensors (included):
- **Differential Pressure Range:** ±10,000Pa, ±40 inH₂O, ±1000 mmH₂O, ±100 mbar, ±70 mmHg
- **Resolution:** 0.1Pa, 0.001 inH₂O, 0.001 mmH₂O, 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 inH₂O to 1.000 inH₂O, ±1%rdg ±0.015 inH₂O>1.000 inH₂O)**

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)

#### RH-AS2 %RH/Temperature Probe (optional):
- **Relative Humidity Range/Acc:** 0 to 100 %RH non-condensing ±2%RH <80%RH (±3%RH>80%RH)
- **Air Temperature Range/Accuracy:** 5.0º to 160.0ºF (-15º to +70ºC) ±0.3ºC
- **Dimensions:** 2.1” (54mm) L, 0.35” (14mm) Ø

#### AS-201/AS-202 Thermal Anemometer Probes (optional):
- **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:** 15º to 160ºF (-10º to +70ºC)
- **Accuracy:** ±2º F (1.1ºC)
- **(Stated AS-201/AS-202 temperature accuracy is in a minimum 50 ft/min (0.25 m/s) airflow)**
- **Dimensions:** 1.5” (38mm) Ø handle, 7.25” (185mm) L handle, 0.375” (9mm) Ø aerial tip, 0.4375” (11mm) aerial base

**AS-201:** 14.9” (380mm) L collapsed, incl. handle, 31.5” (800mm) L extended

**AS-202:** 21” (530mm) L collapsed, incl. handle & 6” (150mm) tip, 37” (940mm) L extended

### SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE