

# Harnessing the Power of Mobile Computers

## for Advanced Environmental Measurements

Example screens

handwriting recognition

data-log in progress

cal. info

event note

graphic note

audio note attached

# DIRECT SENSE™ RH

## ThermoHygrometer Meter



**DIRECTSENSE™ RH**  
THERMOHYGROMETER METER

GrayWolf utilizes Pocket PC Power to offer extensive documentation and reporting capability for **Relative Humidity** and **Temperature** measurement. Measure smart. Report efficiently.

- Display %RH, Temperature, Dewpoint Temperature, Wetbulb Temperature, Absolute Humidity, Humidity Ratio and/or Specific Humidity
- Sensor Tips, Application Tips, Government & Industry Guidelines available by tapping the screen
- Long-term data trending
- “Snap-shot” instantaneous data capture
- Descriptive data file naming using handwriting recognition, virtual keyboard, or w/full size, folding, wireless keyboard.
- Upon download, sites and sub-sites are organized into Windows folders and sub-folders
- Calibration history, user notes, photos, field forms, data file stats all auto-organized



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# DIRECT SENSE™ RH

## ThermoHygrometer Meter

advanced environmental measurements

### SPECIFICATIONS: RH-302, RH-310 Probes

**Relative Humidity:** Range: 0 to 100 %rh.  
Accuracy: ±2%rh <80%rh (±3%rh>80%rh)

**Temperature:** Range: 15° to 160°F (-10° to +70°C)  
Accuracy: ±0.3°C

**Dew Point:** Range: -27° to +158°F (-33° to +70°C)  
Accuracy: ±2°C for %rh>10%

**Wetbulb Temperature:** Range: 55° to 156°F (-12.7° to +68.9°C)  
Accuracy: ±1°C

**Specific Humidity:** Range: 200 to 204,600 ppmw  
Accuracy: ±1000 ppmw (alt. units: lb/lb, gr/lb, g/kg)

**Absolute Humidity:** Range: 0.20 to 188 g/m<sup>3</sup>  
Accuracy: ±1.0 g/m<sup>3</sup> (alt. units: grains/cu ft)

**Humidity Ratio:** Range: 200 to 257,500 ppmw  
Accuracy: ±1000 ppmw (alt. units: lb/lb, gr/lb, g/kg)

**Response Time:** Sensors exhibit 90% response <1 minute

**Probe Dimensions :** 2in. (5cm) dia. x 12.5in. (30cm) lgth.  
**Weight (probe):** w/batteries 1lb. 10oz. (0.7kg)

**Power Probe:** 2 x D cells; typical battery life 1000+ hrs.  
@ 15°C, or 3VDC w/AC adapter  
(computer battery life varies by make and model)

**PC Software Req's:** Windows 98/2000/Me/NT 4.0 with SP6+/XP  
30MB hard disc (min.) space

ALL SPECIFICATIONS ARE TO SUBJECT TO CHANGE WITHOUT FURTHER NOTICE

- The DirectSense™ RH is a complete kit that includes your choice of Mobile Windows™ Pocket PC or Notebook computer and comes with the RH-302 thermohygrometer probe, WolfSense™ PPC (or LAP) application software, WolfSense™ PC desktop analysis/reporting software and much more.
- Optional Advanced Report Generator Software (template builder; auto-insertion of field notes, data tables, graphs and more) enhances your report generation, while saving time.



PCC-10 Security Case shown with AS-201 air velocity probe and RH-302 probe

PCC-PH01 and PCC-05IQ pouches



PC-106 Particle Counter



CA-RH1 %RH Cal Kit

- Optional probes for air velocity, IAQ, VOCs, pressure, particulates and more.
- The RH-302 may be upgraded for one electrochemical gas sensor (CO, O<sub>2</sub>, NH<sub>3</sub>, NO<sub>2</sub>, SO<sub>2</sub>, HCN, Cl<sub>2</sub>, HCl, Phosphine, H<sub>2</sub>, H<sub>2</sub>S or O<sub>3</sub>). The RH-310 may additionally be upgraded for NDIR CO<sub>2</sub>.



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