



NEWS RELEASE

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GrayWolf Sensing Solutions

FOR IMMEDIATE RELEASE

GrayWolf Sensing Solutions of Shelton, CT, USA has been in the news

DirectSense® II User-Configurable Multi-Parameter IAQ, Toxic Gas Probes

Building on 20 years of customer feedback, the all-new range of **DirectSense II smart probes** are being introduced by GrayWolf. These cutting-edge air monitoring probes accommodate from two (2) up to eight (8) plug-and-play smart sensors into a single hand-held, desktop or wall-mounted housing. Choose from 25 different indoor air quality, green building, industrial hygiene and HVAC parameters including; TVOCs (PID), Carbon Dioxide (NDIR), Carbon Monoxide, Ozone, Nitrogen Dioxide, Ammonia, Sulfur Dioxide, Chlorine, Hydrogen Sulfide, %RH, °C/°F and many others.

The DirectSense II probes connect to GrayWolf's **AdvancedSense® meters** which enable additional parameters such as Particulates, Differential Pressure, Air Velocity and Formaldehyde. They may also be connected to GrayWolf-supplied tablet PCs, and Windows PCs for real-time display, data logging and/or remote access. Connection is via cable and/or Bluetooth wireless (both come as standard). In addition to the broad offering of parameters, there are also different sensor ranges to choose from for some of those parameters to best fit specific applications.

The probes are housed in a rugged enclosure with rubberized grips for hand-held use and for added drop protection. Brass threading on the back accommodates belt clips (convenient for walk-thru surveys), and tripod mounting when long-term trend logging. A secure hatch allows user access to replace or swap the smart sensors. Calibration and additional sensor specific data is stored on a micro-board, which makes the smart sensors truly "plug-and-play". Yet, there is *no* significant loss of limits-of-detection (crucial for IAQ applications) or reduction of other sensor performance due to any noise introduced by these convenient/efficient "smart" boards. In fact, CO2 and TVOC sensors achieve *improved* performance vs. GrayWolf's original DirectSense probes.

The new probes have rechargeable Li-ion batteries and come with a charging stand that includes wall-mounting brackets for continuous monitoring applications. The probe may alternatively be powered from the connected platform (AdvancedSense, tablet or PC). A built-in fan eliminates sensor heating effects and improves sensor response time.

Data logging can be initiated from the probe using a convenient, tactile LOG button. Extensive, versatile features are also enabled when connecting to the various available

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platforms. These include built-in cameras/microphones/virtual keyboards (all for secure, efficient documentation of data files), on-board training/application videos, Wi-Fi remote data access and alerts, and *much* more.

The DirectSense II probes may be used for walk-thru surveys, long-term trending or continuous monitoring. Green building applications such as USGBC LEED EQc4 pre-occupancy, IWBI WELL air screening/monitoring and GBCI Arc “Human Experience” testing are comprehensively fulfilled. Many other IAQ, HVAC, IH, IVF, R&D and other applications are also well accommodated.

Innovation

GrayWolf’s DirectSense II smart probes can connect via cable or via Bluetooth wireless, at the choice of the user. They are also automatically recognized by the meter or PC that they are interfaced to. By industry standards, each of these features would qualify the title of “smart probes”. However, the probes *additionally* incorporate “smart”, plug-and-play sensors that may be easily changed out by users in the field. Plus, the smart probes conduct ongoing diagnostics on the smart sensors. VERY smart, indeed!

Value

Indoor air quality, green building, occupational hygiene and HVAC applications require a broad range of parameters to be quickly spot-surveyed and to be accurately monitored over time. The DirectSense II probes not only allow for a very broad range of applicable parameters, but they can easily be expanded for additional parameters. Sensors are interchangeable to target the ideal range needed for the specific application. This is not only convenient, it means access to reliable measurements for the application.

End-users are best served by the sensor technology that is most suited for their application. GrayWolf’s DirectSense II probes permit end-users to utilize a consistent product, with extensive features, and to easily replace sensors for the specific application at-hand. Rather than operating numerous different instruments, with inconsistent operation/features/service requirements/reporting, the DirectSense II probes empower anything from simple to advanced features for an extensive variety of sensors applicable to a broad range of air measurement and testing applications. Documentation of surveys and long-term testing is also important. GrayWolf enables reliable documentation and efficient reporting when probes are interfaced to AdvancedSense meters or to Windows tablets.

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