

# AIR QUALITY



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## PARTS PER BILLION (ppb) VOC MEASUREMENT DEVICE

CONTINUOUS VOC, TEMPERATURE, HUMIDITY MEASUREMENT AND DATA LOGGING.

- **Low Level VOC Measurement:** Total VOC measurement is in ppb (parts per billion) sensitivity. Standard ppm (parts per million) VOC meters cannot detect low level of VOCs present in IVF laboratories (less than 500 parts per billion) which can result in having a negative affect embryo development.
- **Plug & Play sensors:** Up to 8 sensors per probe. RH, Temperature plus 6 more gas sensors can be installed.
- **Easy Installation:** 25 + available plug & play sensors can be installed and replaced by the user easily.
- **High Accuracy:** Down to 5 ppb (0.005 ppm).
- **High Sensitivity:** 1.000 times more sensitive than ppm VOC Meters.
- **Many VOCs Detected:** More than 250 different VOCs are detected and displayed as

Total VOC (TVOC).

- **Continuous Measurement:** Continuous measurement and data logging according to user's defined time intervals.
- **Real Time Measurement:** All data is stored in real time in the Software/App.
- **Defined Warning and Alarm Levels:** Warning and Alarm levels for each of the parameters (Total VOCs, Temperature, Humidity and another sensors) can be set by the user.
- **Easy Calibration:** VOC sensor calibration with Calibration Hood and Calibration Gas.
- **Easy to Use:** After installation of the application to mobile/tablet, just connect via Bluetooth or Wi-Fi and use. It can also be used with Analyzer/laptop with WolfSense Software.
- **User Friendly:** Calibration videos and important information about air quality control can be found in the product 's (Software/App)

DSII-3 Probe  
\*C/\*F, %RH sensors

Product reference:  
**GWDSII-3-KIT**



# AIR QUALITY

## AIR QUALITY CONTROL SET FOR IVF LABORATORIES



### GWDSII-3-KIT

DSII-3 Probe with \*C/\*F, %RH sensors

Including:

- Charging cradle
- AC adapter
- Mini-Tripod
- Sensor insertion tool
- Hex screwdriver
- Bluetooth module standard or WiFi
- 1m connection cable

### OPTIONAL SENSORS



**GWSMT-HCHO-L**  
Formaldehyde Sensor



**GWSMTA4-CO**  
Carbon Monoxide Sensor



**GWSMTA2-02**  
Oxygen Sensor



### VOC Probe with \*C/\*F, %RH Sensors

- Measures real-time VOC levels parts per billion (ppb)
- Standard: Total VOCs, %RH, F°/C° measurements
- Optional: Add up to Gas Sensors (O<sub>2</sub>, CO, CH<sub>2</sub>O, NH<sub>3</sub>, etc)



### GrayWolf 6 Channel Handheld Particle Counter

- Color touch screen 6 channel particle counter (0.3, 0.5, 1.0, 2.5, 5.0 and 10.0  $\mu$ m) Tablet or WolfSense Analyzer with WolfSense Software for enhanced data logging and expanded features;
- Mandatory for defining Clean Room class of IVF laboratories according to ISO standards
- Checking the efficacy of the filters inside laboratories and IVF Workstations



### Air Speed / Temperature / Volume Air Flow Probe

- Measures air speed and volume from HEPA filters in HVAC systems and IVF Workstations; filter need for replacement or system maintenance can be decided after measuring these parameters
- Patented 90° articulating probe design allows easy reach to ceiling diffusers/filters while eliminating internal cabling and cable kinking



### VOC gas calibration Kit

Compatible with Gray Wolf Direct Sense II probes with a low-range PID sensor installed. Includes: 0.0 ppm hydrocarbon free and 8.0 ppm isobutylene ref gases, CA-HD4-A1 cal cap, CA-REG1, and 2 x 110L cylinder molded case



DSII-3 Probe  
with \*C/\*F, %RH sensors  
(1 more sensor can be added)

Product reference:  
**GWDSII-3-KIT**



DSII-5 Probe  
with \*C/\*F, %RH sensors  
(3 more sensors can be added)

Product reference:  
**GWDSII-5-KIT**



DSII-8 Probe  
with \*C/\*F, %RH sensors  
(6 more sensors can be added)

Product reference:  
**GWDSII-8-KIT**



Telescoping, Articulating  
Hotwire Air Velocity Probe

Product reference:  
**GWAS-202A**



6 Channel Handheld Particle  
Counter

Product reference:  
**GW6ADSL-KIT**



VOC Gas Calibration  
Kit for DSII Probes

Product reference:  
**GWGS25L-DSII**



Gas Calibration Cap  
for DSII Probes

Product reference:  
**GWHD4-A1**



WolfSense Bluetooth and  
Wi-Fi Extension Module

Product reference:  
**GWXM-3016**



WolfSense LAP Application  
Software

Product reference:  
**GWWS-LAP**

### ORDER REFERENCE

| Product code          |  |
|-----------------------|--|
| <b>GW6ADSL-KIT</b>    | 6 Channel Handheld Particle Counter                              |
| <b>GWDSII-3-KIT</b>   | DSII-3 Probe with °C/°F, %RH sensors, including connection cable |
| <b>GWDSII-5-KIT</b>   | DSII-5 Probe with °C/°F, %RH sensors, including connection cable |
| <b>GWDSII-8-KIT</b>   | DSII-8 Probe with °C/°F, %RH sensors, including connection cable |
| <b>GWAS-202A</b>      | Telescoping, Articulating Hotwire Air Velocity Probe             |
| <b>GWGS25L-DSII</b>   | VOC Gas Calibration Kit for DSII Probes                          |
| <b>GWSMTA-VOC-PPB</b> | Low range PID sensor for VOCs                                    |
| <b>GWSMT-HCHO-L</b>   | Formaldehyde Sensor  |
| <b>GWSMTA4-CO</b>     | Carbon Monoxide Sensor   |
| <b>GWSMTA2-O2</b>     | Oxygen Sensor  |
| <b>GWXM-3016</b>      | Bluetooth and Wi-Fi Extension Module                             |
| <b>GWHD4-A1</b>       | Gas Calibration Cap for DSII Probes                              |
| <b>GWWS-LAP</b>       | WolfSense LAP Application Software                               |

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