

# SCENTROID

FUTURE OF  
SENSORY  
TECHNOLOGY

## GD600 GAS DILUTION SYSTEM

AUTOMATED  
CALIBRATION  
SOLUTION



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# GD600 GAS DILUTION SYSTEM

## PRODUCT SPECIFICATIONS

### Easy and Affordable Calibration With a Portable Gas Diluter

The Scentroid GD600 Gas Dilution System provides an easy solution to simplify calibrating chemical analyzers. GD600 generates its own zero-air by scrubbing the ambient air using its 3-stage filter. Calibration gases are diluted using zero air or optionally N2 to provide a reference gas of any concentration allowing the operator to easily conduct multi-point calibration. By controlling the mass flow of the reference gas, GD600 not only simplifies the calibration process but also reduces the consumption of reference gases. Through the user-friendly android app, the user can command the GD600 to perform single or multiple point calibrations simply by entering the desired gas concentrations and time between sampling for each point.



**No More Sample Bags!**  
The dilution system eliminates the need for sample bags



**Less Downtime**  
There is no longer a need to remove equipment to send to a lab for recalibration. All processes are now infield



**Zero Air Generator**  
Built in zero air generator provides 7000 ml / min



**Accuracy**  
Continuous dilution monitoring feedback for 100% reliability and accuracy



**Mass Flow Controllers**  
Medical grade mass flow controllers with 99.5% dilution accuracy



**Incredible Efficiency**  
Normally, 3 gas canisters are required per sensor. With this system, 1 bottle will last multiple calibrations



**Power Supply**  
Built in battery for total portability. Packaged with 120 - 240v charger



**Ease of Use**  
Fully automated dilution. User only required to provide desired dilution and minimum output flow rate



**System**  
Controlled through any android device via Bluetooth connectivity



**Durability**  
Built into a Pelican case for ease of transportation and operation



**Inlet Capabilities**  
Inlet for 0 - 10,000 ml / min diluting N2/zero air from external sources



**Live Monitoring**  
Android device displays environmental variables including temp & humidity



**Filtration Capabilities**  
Scrubbers with patented porous pellets for removing contaminants



**Exhaust Filter**  
Scrubbs out potentially harmful gases and odors that may be emitted during calibration



**Dilution Range**  
Dilution range of 2 to 5,000



**Built for Portability!**  
Lightweight system, making infield calibration easier than ever before



**Save on Gas!**  
Reduce calibration gas consumption significantly with the GD600 dilution system