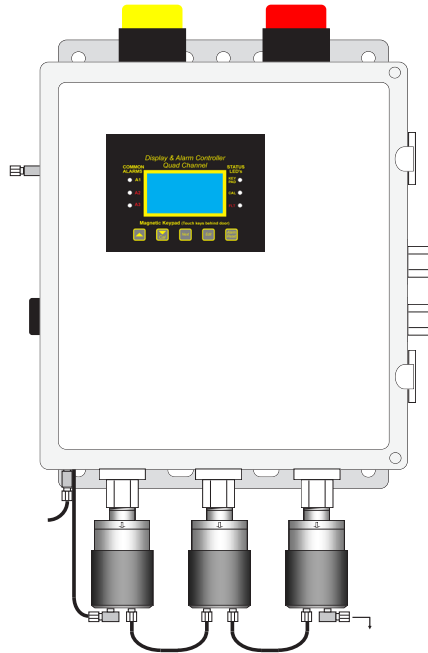


C2-WWT Triple Gas Sample Draw Monitor

Three-Channel Gas Monitor with Integrated Sample Draw Pump and Flow Monitor Circuitry

- Measures H₂S, Oxygen and hydrocarbon LEL in a single unit
- Red and Amber LED strobes for high-visibility alarms
- Optional toxic sensors: Chlorine, Carbon Monoxide, Sulfur Dioxide
- High quality diaphragm sample pump with 24VDC brushless motor
- Flow monitoring with FAULT indication blockage or pump fail
- Operates on 110/220VAC or +24VDC Power (+12V optional)
- Eight programmable 5A relays for flexible alarm indication
- Prompted calibration and dedicated port for accurate setup
- External heads make sensor replacement fast and easy
- Works with sample lines up to 200 ft / 60 m in length
- Built-in Run / Calibrate valve for fast switching between sources
- Optional serial MODBUS or MODBUS/TCP interface
- Optional flow kit with float probe and 50' of Tygon flexible tubing
- Operate with magnetic wand or manual pushbuttons
- Manufactured in USA



Remote Sampling Made Easy

The C2-WWT Triple-Gas Sample Draw Monitor is designed to accurately measure hydrogen sulfide, oxygen depletion and hydrocarbon combustibles in areas with limited accessibility or in situations where the installation of a standard diffusion sensor is difficult or impossible. The C2-WWT integrates three replaceable sensors, a long-life brushless sample pump, low flow warning indication and multi-channel controller with local display and eight programmable relays into a single convenient unit. The C2-WWT Triple-Gas unit can draw samples from locations up to 200 feet, and an optional tubing / float kit allows reliable use in areas where liquid may be present.

Toxic Sensors

The C2-WWT Triple Gas Monitor uses two proven GDS-49 sensor transmitters

DETECTABLE GASES:

Hydrogen Sulfide
Oxygen
Carbon Monoxide
Sulfur Dioxide
Chlorine
Carbon Dioxide
Methane
Propane
Hydrocarbon Combustibles

for the detection of toxic gases. Channel one is dedicated to H₂S measurement while channel two can be configured for Oxygen, Carbon Monoxide, Sulfur Dioxide or Chlorine. Quick-connect fittings allow the sensor flow cells to be easily removed for sensor maintenance or replacement.

Infrared Sensors

Channel three is reserved for an infrared sensor that can be configured for methane, propane or carbon dioxide gas. Propane sensors have a linear response to many hydrocarbons and can be re-calibrated to accurately measure a wide range of other hydrocarbons such as butane or pentane and even complex substances such as gasoline.

Easy Calibration

The C2-WWT includes a built-in calibration procedure and handy Run/ Calibrate valve that makes applying test gas or performing calibrations fast and easy.

Industrial Design

The C2-WWT is manufactured to the highest standards and is designed for continuous use in industrial applications.

The C2-WWT is ideal for sampling:

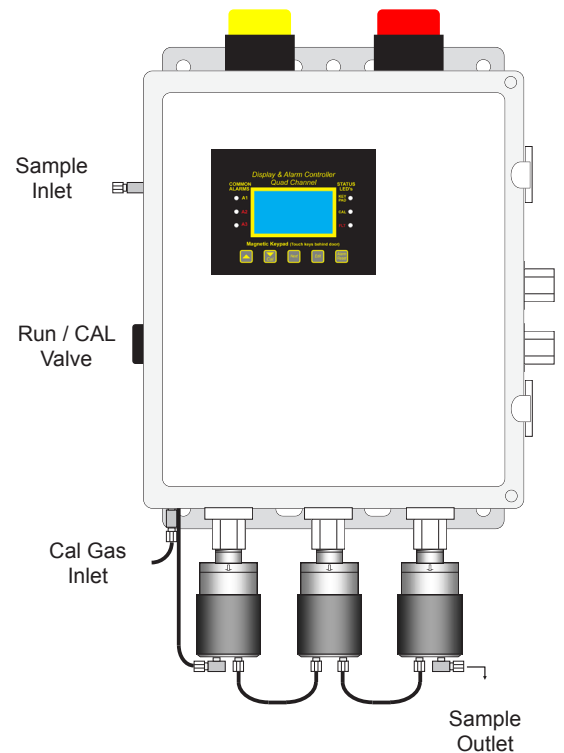
- *Sumps and enclosed areas*
- *Cabinets or storerooms with limited ventilation or airflow*
- *Air conditioning intake or exhaust plenums and ducts*
- *Water / waste water installations*



AUTHORIZED DISTRIBUTOR:
GasDetectorsUSA.com
Houston, Texas USA
sales@GasDetectorsUSA.com
832-615-3588

C2-WWT SPECIFICATIONS	
Power Input	110 / 220 VAC at less than 15 watts +24VDC at less than 15 watts Built-in 30W power supply provides up to 15 watts of additional power for external strobes or horns Optional +12V input (required different sample pump; contact GDS Corp for more details).
Display	High visibility monochrome display showing engineering units, alarm levels and trend data
Visual Output	Red and Amber LED strobes pre-wired to Relay 1 and Relay 2
Audible Output	Built-in programmable piezo buzzer
Relay Output	Eight programmable 5A SPDT relays (Ry 1 and Ry 2 pre-connected to LED strobes).
Data Output	Optional RS-485 serial MODBUS Optional MODBUS/TCP interface with RJ-45 Ethernet
Channel 1 Sensor	Toxic sensor for Hydrogen Sulfide. Ranges include 0-50 ppm, 0-100 ppm, 0-200 ppm and 0-500 ppm
Channel 2 Sensor	Toxic sensor for the following gases: Oxygen, 0-25% by volume; Carbon Monoxide 0-100 ppm; Sulfur Dioxide 0-100 ppm or Chlorine, 0-10 ppm
Channel 3 Sensor	Hydrocarbon infrared combustible sensor for 0-100% LEL methane, 0-100% LEL propane, 0-1000 ppm CO2 or 0-5000 ppm CO2
Fault Monitoring	Fault indication for any sensor fault or loss of flow due to blockage or pump failure.
Sample Pump	1.6L diaphragm pump with brushless 24VDC motor Sample draw tested with 250 ft of flexible Tygon tubing. (Delay in sample measurement proportional to tubing length) Recommended flow rate between 0.5 and 1.0 LPM
Temp	0°C to +55°C operating
Enclosure	Stainless steel enclosure or non-metallic enclosure
Dimensions	12"W x 22"H x 8"D
Sample Inlet	1/4" Swagelok compression, stainless steel
Calibration Inlet	1/4" OD stainless steel tubing with cap
Sample Outlet	Push-in fitting for 1/4" OD flexible tubing
Approvals	Designed for general purpose areas only
Warranty	1 year from date of purchase on sensors 2 years from date of purchase on electronics

C2-WWT Order Guide	
C2-WWT A-B-C-D[TAG][TCP][FLT]	
"A"	ENCLOSURE 1 = Stainless enclosure, no MODBUS 2 = Stainless enclosure with MODBUS 3 = Non-metallic enclosure, no MODBUS 4 = Non-metallic enclosure with MODBUS
"B"	CHANNEL 1 TOXIC SENSOR 1 = Hydrogen Sulfide, 0-50 ppm 2 = Hydrogen Sulfide, 0-100 ppm 3 = Hydrogen Sulfide, 0-200 ppm 4 = Hydrogen Sulfide, 0-500 ppm
"C"	CHANNEL 2 TOXIC SENSOR 0 = No channel 2 toxic sensor 1 = Oxygen, 0-25% by volume 2 = Carbon Monoxide, 0-100 ppm 3 = Sulfur Dioxide, 0-100 ppm 4 = Chlorine, 0-10 ppm
"D"	CHANNEL 3 INFRARED SENSOR 0 = 0-100% LEL Methane 1 = 0-100% LEL Propane 2 = 0-1000 ppm Carbon Dioxide 3 = 0-5000 ppm Carbon Dioxide
[TAG] = Stainless steel tag [TCP] = MODBUS / TCP interface [FLT] = Float probe with 50' Tygon Tubing	



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