

2010 NEWS UPDATE Issue 1

Welcome.... to our "new -look" newsletter which we are hoping you will find easier to read. It should also simplify sending/emailing out at our end.

We do of course welcome your feedback...[should you wish to comment](#)

This Issue :

- GPS enabled Gas Analyser
- AreaRAE INERT
- QUATTRO special pricing
- Links to Calibration Videos

Wireless Gas Detection Network (parking bldgs)

The 301W wireless gas transmitter is designed to detect carbon monoxide (CO) and nitrogen dioxide (NO2) in parking buildings or oxygen (O2) in other applications. It operates for two years without calibration, maintenance or battery replacement.

By removing the necessity for expensive wiring and thus greatly reducing installation costs, a parking buildings bottom line for CO/NO2 gas monitoring system can be drastically cut. [Read More](#)



AreaRAE Inert Multi-Sensor Gas Detector with or without Wireless Modem

AreaRAE Inert is a one to five-sensor gas detector equipped with an optional wireless RF (radio frequency) modem which allows the unit to communicate real-time sensor readings with a remotely located host controller PC.

Offering increased safety with remote monitoring for toxic and flammable gasses in inert atmospheres, this easy to use sensing technology is rapidly deployable with the system up and running in minutes and is designed for use in harsh and hazardous environments. [Read More](#)

Applications

- Catalysts replacement
- Confined space entry
- Fence-line monitoring
- Hazardous material response
- Environmental cleanup



NEW GPS - enabled Gas Analyser Finds & Proves Borehole Location



Global Positioning System on the GA/GEM range analysers will now allow the user to locate the position of borehole locations quickly and precisely. The large display shows simple menus & navigation compass screen to see your direction of travel, distance and position.

Features and Benefits

- Real time GPS tracking to gas analyser
- Store and Locate up to 1000 ID Points
- Utilises the Latest Digital Technology
- GAM compatible
- Large display shows simple menus, navigation screens
- Aids audit trail and data security



- Optional extra on new analysers
- Upgrade available for older GA's
- Saves time, improves efficiency
- Google Earth mapping

[Read More](#)

QUATTRO 4 GAS / INTRODUCTORY OFFER

Seeing is believing
Compliance has never been easier
GasAlert
Quattro
\$990+
INTRODUCTORY OFFER

- Multi Gas Detector
- Easy compliance
- Automatic calibration procedure—compatible with MicroDock II
- Data & event logging capacity
- Compliance & safety 1 button operation
- Visual Auditing
- Extended run-time

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The poster says it all....for a very limited time we can offer the

4 Gas QUATTRO
at the introductory price of **\$990+GST....**
only while stocks last

Experience the
"interactive QUATTRO"
Demo
[Read More](#)

Need a gas detector for a particular job ??

Do you need a gas detector to fulfil a contract or maintenance agreement? If so then consider renting the appropriate equipment whether it be single or multi-gas detection that you are looking for, from our Service Department.

We rent on a daily, weekly, monthly or long-term/lease basis. If you are unable to find what you are looking for on our website : www.apc.co.nz/service/hire then contact roy@apc.co.nz. Our Service Department also have some stock of refurbished instruments available for purchase should you wish to do so.

APC Services mobile calibration & service vans are in a town near you. They will call to site to [service & calibrate](#) your gas detectors/instruments



You Tube Calibration Videos : (also on our website)

Follow the links below for Geotech, BW & RAE Systems

Geotech Instruments :

<http://www.youtube.com/watch?v=C7jEDPftFg>

<http://www.youtube.com/watch?v=JHEM89ep1IY&feature=related>

RAE Systems

<http://www.youtube.com/watch?v=RXjP7uWqMnk>

BW Instruments :

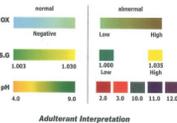
<http://www.youtube.com/watch?v=aTkdM7sq3Qk>

Integrity Specimen Screening for Adulteration in Drug Testing Regimes.

In a nutshell, drug screens test for the presence of drugs in a donor's urine but they do not test the integrity or validity of a urine specimen. Commercial adulterants are readily available through the internet, magazines etc with the sole purpose of defeating or cheating the drug screening process, by returning a false negative result.

Adulterant Tests (AT) check a specimen's integrity and are included in all our multi-panel tests, next to the drug testing panel in the interior of the test cup. Primarily testing against urine adulterant Tests check urine specimens for :

- Oxidants (oxidizing agents)
- Specific Gravity (SG) /Creatinine—dilution
- pH (alkaline or acidity through ingestion)



Adulterant Tests help ensure dilution and sample tampering does not take place and that chemicals such as bleaches, nitrates and glutaraldehyde (oxidizing agents) have not been added to the sample and the sample is **indeed urine**.

****Adulterant tests (AT) are now included as standard on ALL our multi-panel drug screens**

Adulterant Interpretation
Oxidants (OX): Tests for the presence of oxidizing agents such as bleach and peroxide, in the urine. Oxidants, when present in the urine, will produce a green color.
Specific Gravity (SG): Tests for sample dilution. Normal levels for specific gravity will range from 1.003 to 1.035. Specific gravity levels of less than 1.003 or higher than 1.035 are an indicator of adulteration.
pH: Tests for the presence of acidic or alkaline adulterants in urine. Normal pH levels should lie in the range of 4.0 to 9.0. Values below pH 4.0 or above pH 9.0 may indicate the sample has been altered.

AS/NZ S 4308:2008 Urine specimen collection and screening in the workplace

US 25458 / 25511

Dave (Catt) and I recently attended a training day in Christchurch encompassing the NZQA two unit standards for :

US25458 : Perform urine specimen collection in the workplace for drug testing

US 25511 : Perform urine drug screening in the workplace.

We are pleased to report at the end of it all we have both been NZQA accredited in these unit standards.

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■ Questions or comments? ■ Email us at : apc@apc.co.nz or call 64 9 827 6001

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