What's New at AES

MONITORING MADE EASY

WHAT'S NEW AT AES

Active Environmental Solutions (AES) Australia have been supplying occupational hazard monitoring equipment for more than 20 years and are proud of the wide range of products and services we can now offer. AES supplies equipment to monitor for key hazards including gas, dust, heat, hazardous particles, electromagnetic field, noise, sound and vibration for both purchase and hire requirements and can fully service all instruments with a dedicated and qualified team of service technicians.

Moving forward, AES' mission is to be the leader in providing enhanced outcomes for our customers in the world of connected Occupational Health and Safety and Environmental monitoring. We are proud to show you some of the innovative and world-first products we have coming to our portfolio, bringing real-time monitoring to the occupational hygiene environment.

Air XS from Trolex

Real-time Silica Monitor

The AIR XS from Trolex is the ONLY real-time Respirable Crystalline Silica (RCS) monitor designed to give you the power to understand, mitigate and protect against the risk of airborne Respirable Crystalline Silica.

Air XS

- World-first advancement in RCS detection
- Deploying pioneering Optical Refraction Technology to deliver real-time readings of dangerous RCS particulates in airborne dust mixtures
- Analyses multiple detection parameters for silica including size, symmetry, and a series of optical markers unique to RCS particulates
- Developed with the support of the Centre for Work Health Safety NSW

ALERT PRO 1000 from ALERT Technology

Real-time Asbestos Monitor

The ALERT PRO 1000 is unique in the global market. Ground-breaking new technology reducing the risk of exposure to airborne asbestos fibres in the environment, the ALERT PRO 1000 is an early warning device for airborne asbestos fibres. Portable and easy to use, it continuously assesses the airborne environment providing a real-time alarm if asbestos containing materials are disturbed and their toxic fibres released into the air.

Alert Pro 1000

- World-first technology providing a vital early warning alarm enabling an immediate and proactive safety response helping to prevent the risk of prolonged exposure
- The only known device capable of distinguishing asbestos fibres from other non-asbestos fibres in the air in real-time
- ALERT PRO 1000 uses patented light scattering technology, the paramagnetic properties of asbestos fibres and a complex algorithmic statistical analysis that works to a 99.98% confidence level

The KENZEN Patch from KENZEN

Physiological Monitor

The KENZEN patch houses a sensor and is worn on the arm providing continuous safety monitoring. The technology used provides highly accurate and real-time data. KENZEN provides heat and safety monitoring of key physiological indicators for each worker, such as core body temperature, heart rate, and exertion levels.

A complete safety monitoring platform, the KENZEN solution can be deployed across an entire workforce via integrated worker devices, mobile apps and cloud-based dashboards.

KENZEN Patch

- Millions of precise data points translate to actionable insights, in real-time, allowing managers to provide immediate support
- Machine learning predictive models deploy across workforce populations, giving safety professionals tools to prevent future heat-related injury and illness
- Individual worker biometric device and mobile application
- Small, waterproof device encourages worker self-monitoring of personal health stats

AccuFIT9000 PRO from AccuTec-IHS

Respirator Fit-Tester

The new AccuFIT9000 PRO has already impacted the fit-tester market with validation from several healthcare departments Australia-wide.

The face-fit tester has all the capabilities you need to accurately fit ALL respiratory types, N95, P100 and N99, FFP1, FFP2, FFP3, full and half-face elastomerics. Consumables, operational support and service and calibration are easily available from AES.

AccuFIT9000 PRO

- Fit tests ALL tight-fitting full & half respirators
- Easy to use 7" colour touch screen control
- Stand alone or PC operation
- Control up to 4 units from a single computer with independent start/stop times
- Two modes of operation for particle size range
- Wi-fi enabled

DirectSense II Smart Probes from GrayWolf

Indoor Air Quality Monitor with access to a free app for Android and iPhone

Reliably measure key specific pollutants (VOCs, CO, O3, NO2, NH3, HCHO, etc) you can choose from 25+ gas sensors, as well as Particulate, Ventilation Rates (CO2 and Airflow), Differential Pressure (DP) in real-time with Wi-fi enabled probes. DirectSense II Smart probes are high performance, fast response instrumentation for consistent use over portable, long-term and continuous IAQ testing applications.

Datasense II

- The GrayWolfLive web application allows remote access to real-time and logged data from any GrayWolf Wi-fi enabled instrument.
- Wi-fi enabled for monitoring via the cloud-based platform for remote, real-time access, data logging and alerts
- Access from tablets or smart phones to view data as text, tables, gauges, and graphs

ACTIVE ENVIRONMENTAL SOLUTIONS AUSTRALIA

RASOR from Reactec

Portable gateway delivering live data for supervisors and lone workers

RASOR is a flexible multi-purpose device designed to improve risk management and compliance while enhancing the health and safety of high risk individuals. Manage data from your multiple risk sensors via the RASOR which is an open interface to third party bluetooth enabled sensors, as well as the Reactec HAVWEAR watch.

RASOR

- Remote supervisors can access live exposure data from all health risk sensors within range for immediate intervention, RASOR transmits exposure data and location to a cloud based analytics platform every 15 minutes
- Connected workers can view data from their individual monitoring devices from their individual RASOR worker device
- Lone workers can wear RASOR to monitor for any trips, slips or falls plus check in and check out alarms for man down scenarios

The RASOR device turns the Reactec Analytics into a single analytics platform for viewing multiple risk data within a standardised interface, removing the need to collate data from separate sensors and understand their individual reports.

Talk to us about our new product range and how we can support you to work more efficiently with more effective outcomes.

AES – Leading the way in real-time monitoring instruments, connecting health and wellbeing.

AES sensing safety

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