

Industrial Hygiene and Safety Solutions



KANOMAX
The Ultimate Measurements

Ultimate Solutions for Maintain Industrial Hygiene and Safety

Kanomax instruments are preferred by professionals that must monitor and maintain industrial hygiene to ensure occupational safety, comfort, and productivity. Our portable gas monitoring instruments provide solutions for detecting and minimizing gas exposure. Our dust monitoring instruments contribute to worker safety by providing accurate, real-time measurements of dangerous, respirable particles. Sound and vibration meters provide exposure levels of noise and vibration.



Model 4431

Sound Level Meter

The noise levels in a work place should be carefully monitored using the correct grade of equipment.

The new Kanomax sound level meter Model 4431 is designed to be compact, lightweight and easy to use. It complies with the type 2 ANSI S1.4 1983 standard, and has an innovative, unique 0-dB feature that eliminates the self-noise of the microphone. This technology extends the lower limit of the measurement range to lower than 0 dB-SPL.

Features and Benefits

- Small and light weight, high mobility and easy operation
- Equipped with a highly sensitive microphone
- Add additional functions with the program cards

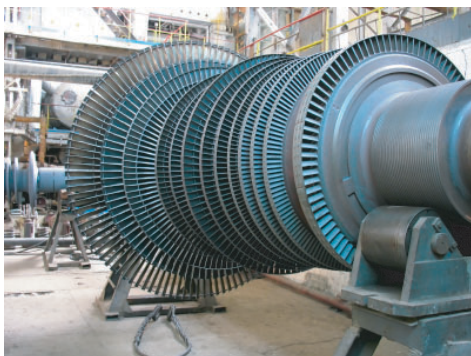
Vibration Meter

Acquiring accurate and repeatable vibration measurements can be used for protecting workers' health and protecting your company from legal claims.

The new Kanomax vibration meter is designed to be compact, lightweight and easy to use. The magnetic accelerometer attaches easily to machinery for increased accuracy and precise operation. It's the perfect tool to diagnosis problematic vibrations with your industrial machinery or manufactured products.



Model 4200



Features and Benefits

- Compact size maximizes technician mobility
- Magnetic accelerometer increases measuring accuracy and ease-of-use
- Built-in RS232 interface allows data output to a PC

Handheld Nanoparticle Counter



Model 3800

The Model 3800 is a handheld condensation particle counter that detects ultrafine particles in various applications. With this advanced technology, users can implement nano-sized particle research in occupation and working areas.

Features and Benefits

- Particle size range of 0.015 to 1.0 μm
- Concentration range of 0 to 100,000 particles/ cm^3
- Data logging and managing data with measuring software
- Sampling probe is available for hard to reach areas



Sampling Probe

Portable Dust Monitors

Kanomax portable dust monitors are optimal tools for real-time monitoring of worker exposure to airborne contaminants, such as dust, smoke, fume, and mist. They measure particle concentrations of PM 10 and PM 2.5.

Features and Benefits

- Particle size range of 0.1 to 10 μm
- Mass concentration range of up to 10mg / m^3
- Compact and light weight unit

Light Scattering Dust Monitor Model 3443

When a laser hits particle matter, light scattering occurs. A dust monitor collects the amount of scattering light and calculates the mass concentration in proportion to the scattering light. Mass concentration is based on the density of particle matter, thus gravimetric sampling is required if density is unknown.

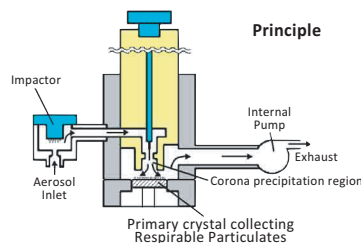
Applications for light scattering dust monitor include Indoor air quality investigations, Point source monitoring, and Personal exposure monitoring.



Model 3443

Piezobalance Dust Monitor Model 3521 and 3522

Particulates become electrically charged and deposited on the piezo-crystal. The total mass of the deposited particulates affects the piezo-crystal's frequency. Since the change in frequency is proportional to the mass of the particulates, the actual weight of the particulates is obtained.



Since some particle matters such as oil mist absorb lasers, the Piezobalance dust monitor would be ideal.

Applications:

- Monitoring milling operation
- Monitoring honing
- Monitoring boring operation



Model 3521

Handheld VOC/Gas Monitors

Providing high level of functionality and monitoring capability, Gas Monitors can be used portably or fixed position. The monitors are compatible with the full range of gas sensors.

Features and Benefits

- Interchangeable sensor heads capable of measuring more than 20 types of toxic gases
- Data logging and communication with PC
- Remote sensor capability



S200

Examples of Optional Sensors

Ammonia: 0 - 100 ppm
Carbon monoxide: 0 - 100 ppm
Carbon monoxide: 0 - 1000 ppm
Carbon dioxide: 0 - 2000 ppm
Hydrogen: 0 - 5000 ppm
Hydrogen Sulphide: 0 - 10 ppm
Hydrogen Sulphide: 0 - 50 ppm
Methane: 0 - 10000 ppm

Formaldehyde: 0 - 10 ppm
VOC: 0 - 25 ppm
VOC: 0 - 500 ppm
Ozone : 0 - 0.150 ppm
Ozone : 0 - 0.500 ppm
Nitrogen dioxide: 0 - 0.2 ppm
Perchloroethylene: 0 - 200 ppm
Sulfur dioxide: 0 - 100 ppm



Sensor Head

Handheld Anemometer

Kanomax Climomaster™ is a multi-function thermal anemometer. It is suitable for many HVAC applications, such as facility ventilation, environmental measurements, and HVAC balancing. This handy and light-weight unit is the most accurate and repeatable hot-wire anemometer in the industry.

Features and Benefits

- One probe measures air velocity, temperature, relative humidity, and airflow rate simultaneously
- 8 different detachable probe options: capable of low air velocity measurement, and Omni-directivity measurement
- User can control Climomaster™ and download data to PC by using Data Processing Software



Climomaster™ Model 6501



Kanomax USA, Inc.

P.O. Box 372
219 US Hwy. 206, Andover, NJ 07821 U.S.A.
TEL: 800-247-8887 (USA) • 973-786-6386
FAX: 973-786-7586
E-mail: info@kanomax-usa.com
URL: www.kanomax-usa.com

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