Kanomax creates the future of measurement with "Creativity and Innovation"



Minoru Kano, Group CEO

Kanomax Group has delivered the best measurement solutions in its products and services that adapt precision measurement technology for fluids and particles. We are contributing to technological innovation and quality improvement for the processes of quality management, environment management, and technology development in the areas of environment, health, and energy, which are essential to sustain human well-being, as well as in other industrial areas including automobile, aerospace, semiconductor, electronics manufacturing, heavy industry, steel, shipbuilding, pharmaceutical, biotechnology, food-processing, medical, construction, and civil engineering.

In recent years, we have implemented a global growth strategy led by the unique and extremely dynamic management team located in Japan and the US, as a cornerstone of our mid-to long-term strategies. Based on our reliable technology and 80 years of accumulated knowledge and know-how, Kanomax is operating through a global network established through the collaboration between the top management and employees, aiming to achieve global leadership in a niche area where we have great strength. The foundation for our sustainable growth is in the course of being established, with a view to an expanding area of precision measuring all over the world.

Kanomax Group sincerely appreciates the support and expectation from our stakeholders as we have made a fresh start. We look forward to your continued business in the future with Kanomax

Pursue Creativity and Innovation

Our corporate philosophy "Pursue Creativity and Innovation" is an integration of the philosophy of foundation "Pursue Creativity" and the idea of "Innovation", which we introduced as an important concept at the inception of a new management setup.

"Creativity" is the manifestation of creative force, and is an exciting word for us, meaning producing original products, services, and technology. It is our wish that we will continue to treasure this concept as our raison d'etre.

Meanwhile, we have social responsibilities as a company and need to fulfill the expectations of our stakeholders. If we pursue nothing but unique product lines, we might end up taking more risks than necessary, which could threaten the future of Kanomax. This is why we added the concept of "Innovation" to our corporate philosophy. "Innovation" not only means dramatic changes but also refers to the tireless efforts being made to improve efficiency and effectiveness in small every day matters, as we believe that "God is in the details". We are aiming to become a group that bears a core philosophy that reflects this.

Kanomax will continue to make innovations every single day, aiming to be the best in order to produce unique original products, as indicated in our corporate philosophy.

Corporate Vision

Our corporate vision comprises four statements. A corporate vision generally undergoes a transformation as the social background, business environment, and management values change. However, we believe it should be based on an abiding philosophy. Our corporate philosophy is an integration of the spirit of foundation and the belief of the management team, which is responsible for the group's future. Four corporate vision statements are an evolved, future-oriented version of the philosophy of foundation which facilitates inheritance of this philosophy with pride.

Corporate Vision

- We will contribute to the development and sustainability of people and society through ultimate precision measurement solutions.
- We will build character with our pride and aspirations in precision measuring as an essential tool of industry and science.
- 3. We will dedicate ourselves to creating the ultimate customer satisfaction as a professional group of global scale.
- 4. We will create a corporate community that is exciting to all the stakeholders

Corporate Mission

Kanomax Group integrates our mission, which is to be accomplished by all the group members, into our value proposition described in the following statement.

Our Mission We, Kanomax Group, will deliver the best precision measurement solutions in an appropriate manner backed by our cutting-edge knowledge in order to help our customers create their own value. B (Kanomax) B (Customer) C (End user) Value creation by Customer

Our Business

Environmental Measurement Domain

Environmental Measurement Domain

Clean Air Solutions Business

Kanomax offers innovative clean air solutions for: HVAC and refrigeration equipment performance testing, investigating building and facility environments and industrial hygiene applications that affect human comfort and health. Our instruments have advanced sensing technology that fills the need for accurate and reliable measuring equipment in these fields. Anemometers are the foundation of our business, and the Kanomax name is synonymous with air velocity measurements, but we also offer quality tools to measure many indoor air quality parameters including: temperature, humidity, air flow, toxic gas, suspended dust particulates, and noise.

- HVAC Equipment Testing
- Indoor Air Quality Measurements
- Industrial Hygiene and Public Health Applications



Dust Monitor

Environmental Measurement Domain

Industrial Solutions Business

Kanomax has developed unique air-flow measurement instruments based on technology derived from our years of accumulated fluid mechanics research such as: multi-point air velocity measurement systems, and precision air flow measurement in high-temperature environments. These innovative tools are perfect for the sophisticated measurement needs of the automotive, aerospace, consumer electronics, steel, and construction industries.

In recent years, smart grids, building automation and other energy-saving applications have dramatically increased the development of new energy sources such as wind power, solar power and alternative-energy fuel cells. As a proven provider of precision measurement solutions for industrial applications, Kanomax is ready to contribute its expertise and tools to this growing sustainable energy market.

- Automotive and Transportation Testing
- Environmental Monitoring
- Industrial Air and Hydraulic Testing



Multi-channel Anemomaster™

Climomaster



Amenity Manikin System

Environmental Measurement Domain

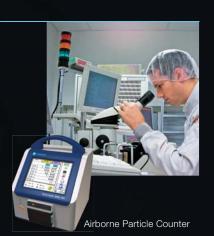
Contamination Solutions Business

In pharmaceutical, biotechnology, food, hospital and other life science manufacturing environments and in the production of semiconductors, flat panel displays and hard drives, contamination from micron-sized nano-particles can have a major impact on the quality of products necessitating the use of precision-controlled cleanrooms. Kanomax was the first to develop a condensation nucleus counter. This core technology was then used to develop a fixed environmental monitoring system that can detect nano-particles in order to provide contamination control solutions.

In addition to particles, temperature, humidity, airflow and other parameters can easily be spot checked by the broad line of our contamination control products.

Our contamination control products are also indispensable for filter performance testing for automotive and HVAC equipment.

- Cleanroom Contamination Control
- Filter Performance Testing





Research Measurement Domain

Research Measurement Domain

Fluid Research Measurement Solutions Business

The fluid measurement solutions business is at the root of our company. We provide cutting-edge measurement solutions, such as non-contact measurements of flow conditions during engine combustion (which occurs under high temperatures and pressure) to research institutes and universities. In addition, our proprietary Laser Doppler Velocimeter and hot-wire flow velocimeter are widely used in fluid research measurements at institutions.

In recent years Kanomax has formed an international alliance with LaVision in Germany to provide numerous fluid measurement systems to research

- Multiphase Flow Research
- Heat Flow Research
- Combustion Research







Tomographic PIV System



High Speed PIV System

Research Measurement Domain

Aerosol Research Measurement Solutions Business

Much like our advances in fluid mechanics measurements, research and development of innovative aerosol measurement tools is one of Kanomax's core technologies.

In recent years research has raised concerns about diesel exhaust particles, the health effects of air pollution and climate changes, and human exposure to nano-particles. In response to these issues Kanomax has developed several aerosol measurement solutions such as the black carbon monitor developed by a collaboration between industry and academia. We will continue to strengthen our relationship with our global partners while finding new channels of distribution for our aerosol research measurement solutions.

- Engine Emission Measurements
- Health Effects Research
- Atmospheric Environment Monitoring
- Aerosol Research



Aerosol Particle Mass Analyzer (APM-II)





Black Carbon Monitor

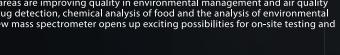
Research Measurement Domain

Mass Spectrometry Solutions Business

On June 26, 2012, Kanomax add MSI.TOKYO as a subsidiary of the Kanomax Group. MSI.Tokyo was started as a venture

On June 26, 2012, Kanomax add MSI.TOKYO as a subsidiary of the Kanomax Group. MSI.Tokyo was started as a venture company by Osaka University to sell the cutting edge Mass Spectrometer technology developed by Professor Michisato Toyoda. Mass Spectrometers are typically bulky instruments confined to a lab environment because of their size and weight. However, the mass spectrometer developed by MSI.Tokyo uses a patented multi-turn technology that reduces the size and weight of the instrument without sacrificing accuracy or resolution.

The expanding bio-technology field is creating a greater demand for mass spectrometry, as this technology is vital to human safety and quality of living. Two key areas are improving quality in environmental management and air quality management. Other applications include: drug detection, chemical analysis of food and the analysis of environmental contaminates. The portable nature of this new mass spectrometer opens up exciting possibilities for on-site testing and more mobile operations. more mobile operations.



- Low-volume gas analysis
- Chemical analysis of pharmaceutical products
- Chemical analysis of food
- Forensic drug detection
- On-site analysis of environmental contaminates







KANOMAX GROUP AT A GLANCE

KANOMAX PROFILE

Kanomax History

1934: Kano Laboratory by Goro Kano

1951: Incorporated in Osaka, Japan, and started mass production of Anemometers

1962: Market Leader on Anemometers in Japan 1970s: Introduced Dust Monitors for IH/IAQ Market

1985: Commercialize the first ever Laser Doppler Velocimetry in Japan

1987: Introduced the first Cleanroom Monitoring System

1988: China manufacturing JV started 1996: US Operations Established 1998: ISO9001 Certified (JQA-2790) 2001: ISO14001 Certified (JQA-EM1628) 2003: Form Global Management Unit

2004: Acquired 100% stake of China Manufacturing Operations 2005: New US Sales Operations established by acquisition 2005: Established Kanomax Holdings (NY) as global strategic HQ 2008: Inception of new senior management team & new ownership

2010: Constructed new building for China Manufacturing Operations 2012: Acquisition of MSI.TOKYO

2015: Established Kanomax Holdings (Shanghai) and Kanomax FMT

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Group Organization and Structure





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KANOMAX PROFILE

