

Compact online Dust Monitor
(Particle counter function)

Matsushima
Matsushima Measure Tech

Air Particle Monitor

Monitors the quantity and mass concentration of flying particles including dust and aerosol in the atmosphere in real time

Air Particle Monitor, measuring the quantity and mass concentration of flying particles including dust and PM2.5 concentration in clean rooms, offices, hotels, factories, etc., is applied for improving the working environment and safety. It can also detect the breakage of filters by monitoring flying particles in the control panels. It can also be used to measure degree of human density.



Model : PFM-AP01

Launched in Fall 2021

Main applications images

◆ Exhaust management (control) in underground and multistory car parks



By monitoring fine particles in closed spaces such as underground and multistory car parks, and linking them with a ventilation system, ventilation efficiency can be improved and it results in energy saving.

◆ Visualization and control of cleanliness in clean rooms



It monitors work sites such as clean rooms not only for PM2.5, but also for purpose of protecting working environment where people work, such as health hazards due to dust leaks.

◆ Cleanliness management of electrical room and data server room



In use of precision equipment, "dust" causes short circuits and fires, leading to damage to facilities and data. By monitoring dust concentration, optimal cleaning can be scheduled.

◆ Improving quality of manufacturing lines including precision parts.



By monitoring and visualizing various flying dust above manufacturing line of food, film, precision equipments, etc., quality of manufacturing products can be improved.

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