

Booth No. 1A10

PiQuant. Co., Ltd.

PiQuant

Year Established	2015		Type of Business	Manufacturing
Website	www.piquant.tech		Main Export Countries	The U.S., U.K., Canada
SNS	linkedin.com/company/piquant-co.-ltd.			
Main Customer	Domestic Customers		International Customers	
	Korea Water Resources Corporation, etc.		Bill&Melinda Gates Foundation, etc.	
The Person In Charge	Name	Department	Position	
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Company Description

PiQuant provides spectroscopy-based analysis solutions that can be embedded in both existing systems and new systems. You can find the world's best on-spot water quality analyzer at our booth. We are broadening our competencies across ICT, IoT, Environment, Health care, F&B, Drugs, Beauty, Fashion, Textile, Pharmaceutical, Aerospace, Construction, and Agriculture

Product

IoT Indoor Air Quality Integrated Monitoring Solution, AirQuant

Function and Usage : AirQuant is an integrated real-time monitoring solution capable of tracking up to 11 air pollutants, including indoor air quality pollutants identified by the WHO and the Ministry of Environment.

This advanced solution intelligently optimizes HVAC system operations using monitoring data, enhancing air quality through purification and ventilation while improving energy efficiency and reducing the building's carbon footprint.

Marketing and Selling Points :

1. Monitoring dashboard can be provided in various formats such as kiosks, web pages, smart screens.
2. Providing periodic indoor air quality analysis report
3. Can be applied immediately anywhere in the world regardless of voltage difference using PoE (Power over Ethernet)
4. Various communication environments such as Wi-Fi, LTE
5. Remote F/W upgrade possible through OTA(Over the Air)
6. Standalone type can be provided even in environments without a communication network
7. Connected to the HVAC system, it contributes to reduce the energy consumption

IoT on-spot water quality analyzing solution, WaterScanner

Function and Usage : WaterScanner is a spectrometer highly specialized in quantifying E. coli in water.

It can detect E. coli at a concentration as low as 10 CFU/mL, the smallest detectable unit in the world, meeting UNICEF's rapid E. coli detection criteria for cost and time-to-result. WaterScanner can also measure heavy metals, turbidity, and other liquid quality parameters. It can be embedded into both existing and new systems, thereby streamlining the manufacturing and QA/QC processes.

Marketing and Selling Points : For government departments, WaterScanner enables anyone to detect E. coli accurately, anywhere. Since WaterScanner does not require expertise or laboratories, it reduces labor and fixed costs for analysis while creating new job opportunities.

For commercial entities, our solution allows the analysis of various materials without requiring hardware replacement and can be seamlessly integrated into existing systems.

These features significantly reduce the cost and time required to meet the criteria for production and quality control processes.

As a result, our solution addresses a variety of challenges faced by companies across a wide range of industries.

