Booth No. 1A10

PiQuant. Co., Ltd.

PiQuant

Year Established	2015	Type of Business	Manufactruring
Website	www.piquant.tech	Main Export Countries	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
	Woohyun Yun	Planning Dept.	Manager
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Company Description

PiQuant manufactures a small spectrometer 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 that can monitor up to 11 air pollutants, including indoor air quality pollutants designated by WHO and the Ministry of Environment.
It is an effective solution that intelligently controls the HVAC system based on monitoring data, thereby maximizing air improvement effects such as air purification and ventilation while maximizing the building's energy use efficiency and reducing the building's carbon emissions.

Marketing and Selling Points : AirQuant obtained product certifications such as CE, RoHS, and IC and can be exported overseas immediately.
1. Monitoring dashboard can be provided in various formats such as kiosks, web pages, smart screens, etc.
2. Providing indoor air quality analysis report by period
3. Can be applied immediately anywhere in the world regardless of voltage difference using PoE (Power over Ethernet)
4. Applicable to various communication environments such as Wi-Fi, LTE
5. Remote F/W(Firm ware) upgrade possible through OTA(Over the Air)
6. Standalone type can be provided even in environments without a communication network
7. When connected to the HVAC system, it contributes to reduce the enery consumption

IoT on-spot water quality analyzing solution, WaterScanner

Function and Usage : WaterScanner is a spectrometer that is highly specialized in quantifying the E.coli in the water.
It can detect the E.coli of 10 CFU/mL which is the world smallest unit that can be detected satisfying the UNICEF rapid E.coli detection criteria of price and time to result.
WaterScanner can also measure heavy metals, turbidity, and other qualities of liquids and can be embedded in the existing and new system so that it can shorten the manufacturing, QA/QC process,

Marketing and Selling Points : For the government departments, Water Scanner allows anyone can detect E. coli accurately anywhere. Because WaterScanner doesn't require any expertise and laboratories, we reduced the labor and fixed costs for the analysis and created a new job opportunity.
For commercial entities, we can analyze various types of materials without replacing hardware and our solution can be embedded into the existing system.
These features contribute to dramatically reducing the cost and time of satisfying the criteria of production and quality control processes.
Therefore, our solution can solve a variety of problems for companies with a wide range of business areas.