

Media Release

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Qmicro by Sensirion congratulates MeterQ on their PTB approval

MeterQ achieved PTB approval



Qmicro by Sensirion would like to congratulate MeterQ, a solution provider in the natural gas industry, on their achievement of the approval from the Physikalisch-Technische Bundesanstalt (PTB), Germany's national metrology institute, for two of their gas quality measurement systems for custody transfer. Climate neutrality, sustainability and the reduction of CO₂ emissions are global trends that are driving the decarbonization of the energy sector. The new standard of MeterQ, MGC^{flex}, performs 13-component natural gas analysis including hydrogen, oxygen and neo-pentane and is ready for the future.

MeterQ provides it's first suitcase-mounted mobile version

In addition, MeterQ provides a suitcase-mounted mobile version called MGC^{mobile}. This solution enables the whole system to be transported in nearly every passenger vehicle. The system can then be quickly assembled at the desired location and begin analyzing the gas straight away. The MGC is the first mobile process gas chromatograph which received the PTB approval and equals the performance of MGC^{flex}.

Germany functions as a reference country for this gas analysis because MeterQ solutions have been part of the German federal research project TransHyDE. Other countries will follow soon.

About Qmicro by Sensirion

Qmicro offers high-tech products and solutions for on-line gas composition analysis enabled by micro-GC chip technology (MEMS). Application areas include industrial process control and automation. Qmicro has developed the "DynamiQ" micro-GC gas analyzer product line, and these on-line gas monitors are supplied in application-specific configurations to selected customers, typically system integrators, OEMs and expert distributors. The instruments are configured for one specific application and are therefore sold as analyzers for this single application. Qmicro has been part of Sensirion since 2021.

Sensirion is one of the world's leading developers and manufacturers of sensors and sensor solutions that improve efficiency, health, safety, and comfort. Founded in 1998, Sensirion now employs around 1'000 people at its headquarters in Stäfa, Switzerland and in numerous international subsidiaries. Sensirion sensors can be used to measure a wide range of environmental parameters and flow rates precisely and reliably. The company's aim is to make the world smarter with pioneering sensor technology. As a pioneer in innovation, Sensirion develops solutions for the specific needs of customers and partners from the automotive, industrial, medical technology and consumer electronics markets, as well as high-quality products for cost-efficient mass production.

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