



Quantitech, the Milton Keynes based environmental instrumentation specialist, has reported a surge in demand for its rentable emissions analysers. The company's Dominic Duggan says: "This is undoubtedly for two reasons; first and foremost, the two main analysers are MCERTS approved and secondly, they are both transportable and simple to carry from one site to the next."

The two most popular instruments are a portable MCERTS approved FTIR multigas analyser; the Gaset DX4000, and an MCERTS approved heated FID. The FTIR technology enables users to measure almost any compound and provides the facility to monitor up to 50 gases simultaneously. The DX4000's corrosion resistant sample cell is heated to 180°C, which ensures that the sample gas stays in the gaseous phase even with high concentrations of moisture and corrosive gases.

While the DX4000 FTIR is able to measure almost any gaseous compound, the MCERTS certificate relates to the monitoring of CO, NO, H₂O, SO₂, HCl, NH₃, NO₂, N₂O, CO₂, O₂ and HF. This instrument is also capable of monitoring speciated organic compounds but an MCERTS approved FID is currently required for the measurement of total organic compounds (TOC).

"As portable MCERTS approved instruments, these analysers monitor emissions using the same technology as fixed instruments, so they are used by test houses to check the performance of online monitors and by process managers to provide semi-continuous monitoring for multiple stacks and process applications," adds Dominic. "Some of our customers rent this equipment in order to try it out before buying, but others rent it for short-term applications, or to provide emergency cover."