



SYFT TECHNOLOGIES LAUNCHES NEXT GENERATION VOICE200™

Press release, 18 July 2007, Syft Technologies Ltd, Christchurch, New Zealand: Syft Technologies is today launching the next generation of SIFT-MS instrumentation at its European office at the Daresbury Innovation Centre, UK.

The Voice200™ delivers real-time identification and quantitation of volatile organic compounds (VOCs) at the push of a button.

The increased sensitivity, functionality and vehicle mounted mobile capability of the Voice200™, as well as its competitive pricing model, are raising strong commercial interest in the market.

Geoff Peck CEO of Syft Technologies says, "The design criteria and market requirements for this next generation of instruments were exacting. We set a goal to significantly reduce the size and weight of the instrument whilst enhancing detection capability. We redesigned the internal structure of the instrument to simplify the manufacture and maintenance processes, but kept the push button simplicity of the original Voice100™."

Trials of the technology are already producing significant results that are presenting new commercial opportunities for a number of prospects in North America and Europe.

A key player in the US food industry has been particularly impressed with Syft's ability to analyse key compounds in a range of dairy related products, opening up new opportunities for dairy processing, product development and quality control. The non-invasive nature of the technique continues to add significant value to a range of clinical trials and medical research being undertaken within New Zealand. A large multinational in the medical sector has already invested in the Voice range of instruments. Meanwhile Syft's container air analysis applications continue to gather momentum as the dangers to health from fumigants and other toxic chemicals within containers are becoming more widely known and understood.

Syft International Sales Manager John Billows says, "Discussions with a range of customer prospects confirm that we have a real winner on our hands. The feedback so far shows they are impressed with the speed and accuracy of the technology, as well as the smaller footprint, and of course the competitive price."

The underlying technology of the Voice200™ is Selected Ion Flow Tube Mass Spectrometry (SIFT-MS). Syft Technologies Ltd was the first company to be able to successfully commercialise the technique and has won a number of awards for the early commercial success of the Voice100™, its flagship product.

New applications for the Voice200™ are well underway, including oil & gas exploration and refining, food and flavour chemistry, as well as screening for toxic chemicals, contraband, explosives and bio-security threats.

Syft's European office, located in the Northwest of England, will host Syft's European distributor network for product demonstrations, technical and sales training on the new instrument. Senior sales and technical staff from the New Zealand head office will also attend the product launch taking place at the Daresbury Innovation Centre today.

Voice200™ Features

Syft Technologies' new Voice200™ analytical instrument uses the patented SIFT-MS technique to identify and qualify volatile organic compounds (VOCs) in real-time.

At less than half the weight of the Voice100™, with a 1/3 volume reduction and with detection limits to 50 parts per trillion (50pptv), the Voice200™ is a significant scientific and engineering breakthrough.

New features include a touch screen LCD for easy operation, lower power and consumable requirements, and a range of new options for sample presentation and analysis. A major advance is the instrument's ability to deliver negative ion capability, opening up a range of application areas that were previously difficult using the Voice100™.

The Voice200™ differs from competing mass spectrometry technologies in that it can detect and measure VOCs within seconds (such as all common fumigants below government mandated safety levels). It can also analyse whole-air even in humid samples such as breath, and it provides quantitative results that are consistent and reliable.

It is designed with push button simplicity and ease of use in mind. Unlike competing mass spectrometry techniques, no sample preparation is required, and the instrument can be operated with minimal training to deliver laboratory quality results.

Performance and design enhancements of the Voice200™ include:

- Reduced size and weight to make transportation and installation easier
- Increased detection limits down to 50 parts per trillion (50pptv).
- Increased analytical capability through the ability to detect compounds such as sulfuryl fluoride through negative ion generation.
- New LCD touch screen and PC connectivity for enhanced interface and data analysis.

About Syft Technologies

Syft Technologies Ltd was formed in 2002 as a hi-tech spin off from the University of Canterbury, New Zealand. Its Head office and Research and Development centre is based in Christchurch, New Zealand. Syft Technologies (UK) Ltd based in Daresbury, UK is home to its European Sales and Support Centre. To find out more visit www.syft.com, or email info@syft.com

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