



NEWS RELEASE

Tornado Spectral Systems to Exhibit and Present at SciX 2016

Leading manufacturer of optical spectrometers and Raman spectroscopy systems to highlight innovative technologies at annual SciX conference

September 6, 2016. Toronto, Canada – Tornado Spectral Systems Inc., a leading designer and manufacturer of dispersive optical Raman spectrometers, will be showcasing its new generation of HyperFlux™ spectrometers and Raman systems during the SciX Conference on Analytical Chemistry and Applied Spectroscopy (Booth #94) from September 18 – 23, 2016 in Minneapolis, Minnesota. The event covers all areas of analytical chemistry where leading researchers convene to present their cutting edge developments in analytical sciences, instrumentation, and unique applications.

Having launched the HyperFlux PRO Plus Raman system in early 2016, Tornado will be highlighting the unmatched sensitivity of the product and how it redefines chemical process analytics for industry. Unique to Tornado, HyperFlux Raman spectrometers overcome the trade-off between light throughput and spectral resolution using the proprietary HTVS™ (High Throughput Virtual Slit) beam reformatting technology that eliminates the need for a slit to achieve high resolution. Tornado will also showcase the HyperFlux U1 spectrometer which offers high performance and analytical flexibility for OEM applications and cutting-edge research.

“SciX 2016 is the ideal platform for Tornado to showcase its capabilities to busy analytical professionals who seek to carry out research and adopt process Raman spectroscopy systems into practice. By attending SciX, we continue to expand our reach and services in providing dispersive optical spectrometers and systems into established and emerging markets”, states Andrew Boorn, Chairman and CEO at Tornado Spectral Systems.

Tornado Spectral Systems will be giving a presentation entitled, *“HTVS – Taking Raman by Storm”* during the Vendor Hot Topics session on Sunday, September 18th at 5:20 PM. The session will discuss the innovative results of the company’s work on its patented high throughput virtual slit (HTVS) technology performance. Furthermore, a paper entitled, *“High Throughput Virtual Slit (HTVS) technology’s performance impact on Raman limit of detection applications”*, will be showcased as a poster on Thursday, September 22nd from 11:00 AM – 12:00 PM.

“We are extremely excited about demonstrating the unique capabilities of the HyperFlux PRO Plus at SciX. HyperFlux PRO Plus uses an optimized HTVS technology to provide 10x the throughput of other process Raman spectrometers and we hope to show visitors at the event just how much they can achieve with Tornado compared with their existing Raman spectrometers,” states Aaron Weinroth, Chief Marketing Officer at Tornado Spectral Systems. He goes on to state, *“With significantly enhanced sensitivity, we are proud to be leading the way in the new generation of Raman spectrometers that will enable process chemists and spectroscopists to experience the difference in their chemical analysis.”*

Discover the superior performance of Tornado's HyperFlux™ PRO Plus Raman spectroscopy system which is designed to deliver higher sensitivity allowing for faster measurements and dynamic reactions for better process responsiveness, more accurate chemical identification and quantitation even with challenging mixtures and low concentrations, and low laser power operation in hazardous environments. Customers seeking to enhance their chemical process analytics with an enhanced Raman spectroscopy system are encouraged to visit Tornado at booth #94. Booth meetings can be booked in advance by emailing sales@tornado-spectral.com

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About Tornado Spectral Systems:

Founded in 2013, Tornado Spectral Systems designs, manufactures, and sells dispersive optical spectrometers primarily for Raman spectroscopy and spectral-domain optical coherence tomography. Tornado's HyperFlux spectrometers deliver significantly enhanced sensitivity by using a patented high-throughput virtual slit (HTVS) to eliminate the physical slit of a conventional spectrometer and avoid signal losses while maintaining high spectral resolution, allowing for faster measurements, lower detection limits, and reduced laser power operation. To learn more about Tornado, please visit our website: tornado-spectral.com

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