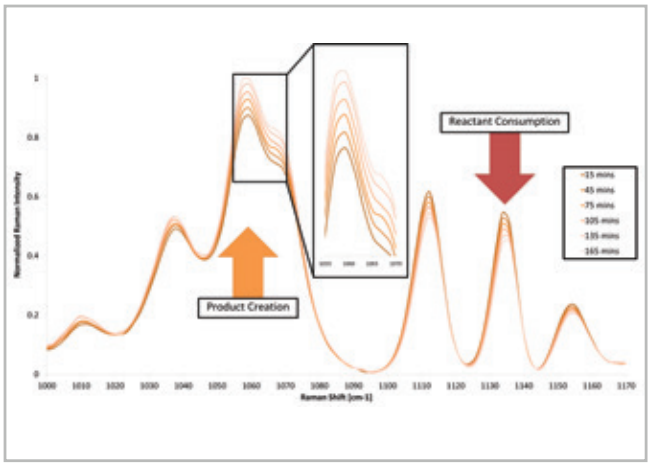
HyperFlux *P·R·O· PLUS*
Spectrometer Platform

HyperFlux *P·R·O· Plus*: Process Raman Online

Tornado's new HyperFlux P·R·O· Plus redefines what is possible with process measurements using the power of Raman spectroscopy. The newly re-designed High Throughput Virtual Slit (HTVS) enhances the spectral throughput by an order of magnitude over conventional designs providing superior photon management. This permits process measurements to be done faster, with better sensitivity and allows preservation of samples with the use of lower laser powers where required. The HyperFlux P·R·O· Plus satisfies ATEX requirements where the highest sensitivity is essential.

TYPICAL RESULTS



The HyperFlux *P·R·O·Plus* offers customizable bandpass, resolution, and throughput

- Configurable for a variety of applications
- Stand-off and immersion probe optics
- No moving parts for superior stability

The HyperFlux *P·R·O·Plus* offers customizable bandpass, resolution, and throughput configuration delivering high-performance with versatility to meet your application requirements

SPECIFICATIONS:

	HyperFlux *P·R·O·Plus*
Laser	785 nm
Laser Power	20 mW up to 475 mW
Bandpass	Configurable to Measurement Requirements
Probes	Immersion and Non-Contact
Unit size and weight	18.4 x 8.5 x 5.4 inches, 22 lbs 46.7 x 21.6 x 13.7 cm, 9.9 kg
Input power requirements	100V to 240V AC line power
Temp/Humidity	0 to 35° C, 20-80% humidity (non-condensing)
Fiber Length	3 meters standard Different lengths can be fabricated upon request
Number of Channels	Multi-channel support - up to 8 channels
Computer and OS requirements	Windows 7, 2 GHz dual-core with 4 Gb RAM, 250 Gb HD, and USB 2.0
Software	Process communication options, real-time monitoring and full chemometric capabilities

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