Tornado’s OPIS 35 is a Class 3B laser source and makes the HyperFlux™ PRO Plus Raman analyzer compliant to ATEX Zone 0. OPIS 35 integrates seamlessly with the PRO Plus and SpectralSoft instrument control software for easy deployment and operation.

**SAFETY**
- Regulated output power will not exceed 35 mW threshold
- Optical and electrical signaling in accordance to IEC 60079-0, 60079-28, and 60079-11
- Hardware interlock (24 VDC) facilitates laser shutdown trigger originating from hazardous zone
- 24 VDC signal available for laser on/off indicator

**PERFORMANCE**
- Highly stable 35 mW laser maximizes quantitative measurement precision
- A perfect companion for the HyperFlux PRO Plus: achieve similar or better measurement compared to conventional Raman systems operating at 500 mW

Achieve safety without sacrificing performance
When connected with the HyperFlux PRO Plus, OPIS 35 provides 35 mW ATEX safety with maximum performance.

EXCITATION LASER POWER: <35mW
EXCITATION LASER WAVELENGTH: 785 nm
LASER EMISSION MODE: Continuous Wave

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System Specifications:
SIZE: 8.14 x 8.26 x 3.38 inches (20.7 x 21.0 x 8.6 cm)
WEIGHT: 5.5 lbs (2.5 kg)
AC POWER INPUT: 8 W at 120 VAC or 240 VAC (±5%) at 50 Hz or 60 Hz
OPERATING ENVIRONMENT RANGE: +10 to +35°C with relative humidity ≤ 65%

Ideal for any ATEX zone including applications for:
- Petrochemical
- Specialty Chemical
- Liquefied Natural Gas (LNG)