



## Fluorescent UV Sulfur Analyzer SLFA-UV21 now available with ... Nitrogen Detector

Low level Nitrogen analysis is now possible utilizing HORIBA's recognized chemiluminescence Nitrogen detector technology. This is in addition to the highly accurate and reliable low-level Sulfur analysis by UV Fluorescence method.



Nitrogen

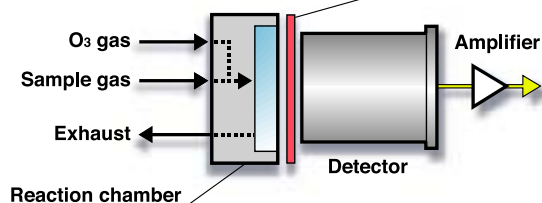
Sulfur

**One furnace.  
Attach Sulfur and Nitrogen detectors**

- Over 30 years experience in Nitrogen detector technology.
- 35 years experience with Petroleum analysis for accurate and efficient sulfur-in-oil detection.
- Total sulfur and nitrogen analysis in a single measurement.

### Nitrogen detector

Optical filter for chemiluminescence selection



### Analysis example against 20ppm standard\*

No.	ppm.	Average	ppm.
1.	19.85		19.92
2.	19.99	S.D.	0.161
3.	20.15	CV	0.81
4.	19.72		
5.	19.88		

\*Pyridine dissolved with Isooctane per ASTM4629 method

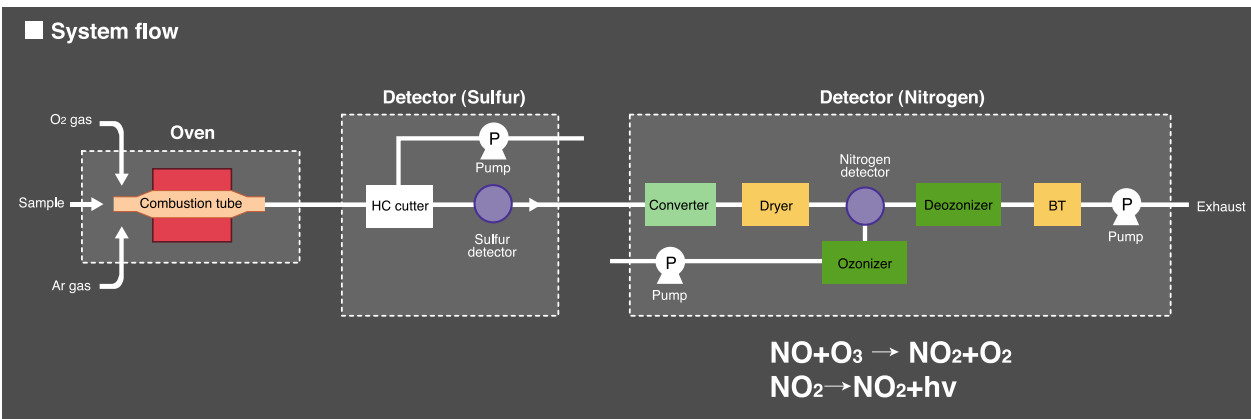
# SPECIFICATIONS

**Measurement Subject:** Liquid samples (Diesel oil, gasoline, Kerozene, Jet fuel, light hydrocarbon products, etc.)

**Measurement Range:** 0.3ppm to 0.1%. Maximum range can be expanded by diluting the sample.

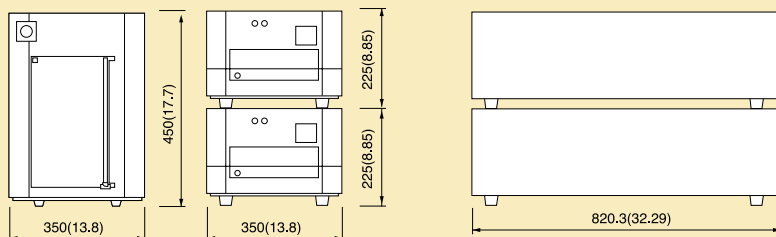
**Detection Limit:** 0.1ppm

**Repeatability:**  $\sigma_{n-1} \leq 0.4\text{ppm}$  (at 20ppm)



## Dimensional Outlines

Unit: mm(in)



Please read the operation manual before using this product to assure safe and proper handling of the product.

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