

Figure 1 illustrates the lower detection limits of a PDHID analyzer monitoring compounds within Nitrous Oxide gas. Using Peak's pioneered hybrid platform results are delivered accurately while maintaining linearity, down to lower and upper levels.

Performance:

Typical lower detection limits (in parts per billion)

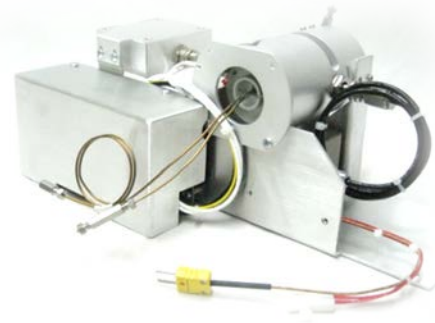
Impurity	Matrix Gas:	N ₂ O
Ar/ O ₂ : Argon/ Oxygen		1-5
N ₂ : Nitrogen		1-5

All performance specifications are based on fully optimized PP1 with .2 cc sample loop

Peak Labs is your analytical partner, not just supplier.

Matrix Gas: Nitrous Oxide

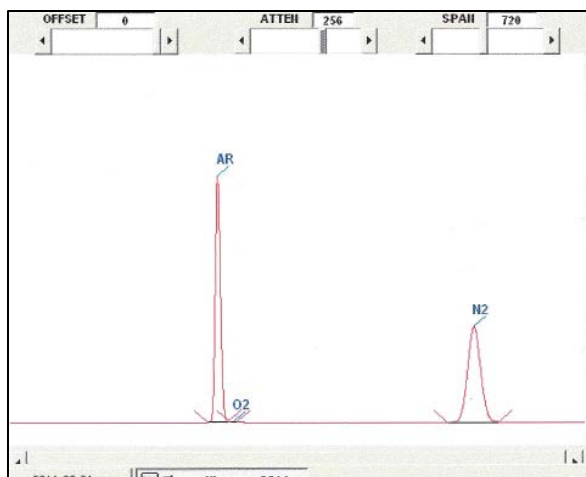
Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's innovative design is proven to be more cost-effective and user-friendly compared to similar instruments, making Peak your number one GC choice.



Fields of Application:

The PDHID model # 930-306 is the ideal solution for the detection of **Nitrogen & Argon/ Oxygen** compounds. Listed below are typical field applications for this unit.

- N₂ & Ar in UHP Nitrous Oxide
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Purifier Manufactures



Nitrogen & Argon/ Oxygen based chromatograph within Nitrous Oxide matrix gas.

Model #930-306 Users

- Wonik Materials
- DIG



Contact us today **650-691-1267**

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