

Figures 1 illustrate the lower detection limits of a PDHID analyzer monitoring compounds within Nitrogen 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)

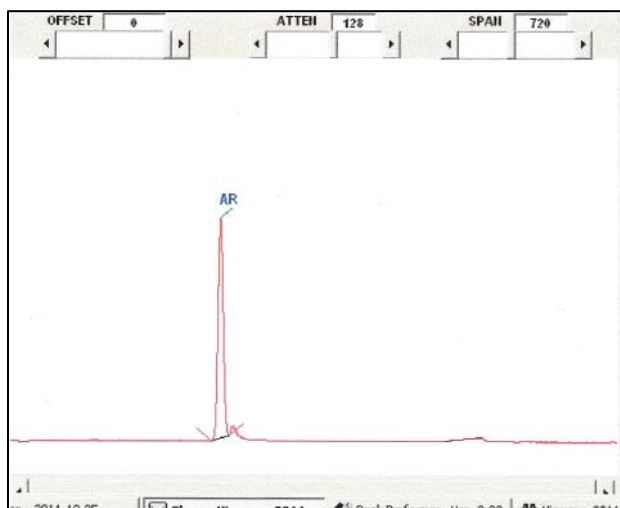
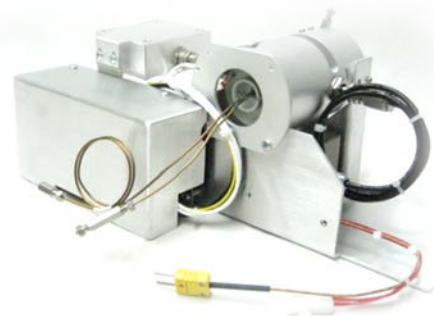
Impurity	Matrix Gas:	N <sub>2</sub>
Ar: Argon		5

All performance specifications are based on fully optimized PP1 with 0.2 cc sample loop

*Peak Labs is your analytical partner, not just supplier.*

## Matrix Gas: Nitrogen

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.



Argon based chromatograph within Nitrogen matrix gas.

## Fields of Application:

The PDHID **model # 930-140** is the ideal solution for the detection of **Argon** compounds. Listed below are typical field applications for this unit.

- Ar in UHP Nitrogen Matrix Gas
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Air Separation Plants
- Purifier Manufactures

## Model #930-140 Users

- TSMC
- Air Products



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

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