

Figure 1 illustrates the lower detection limits of a PDHID analyzer monitoring compounds within Oxygen 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:	O <sub>2</sub>
<b>Ar: Argon</b>		<b>10</b>
<b>N<sub>2</sub>: Nitrogen</b>		<b>10</b>

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: Oxygen

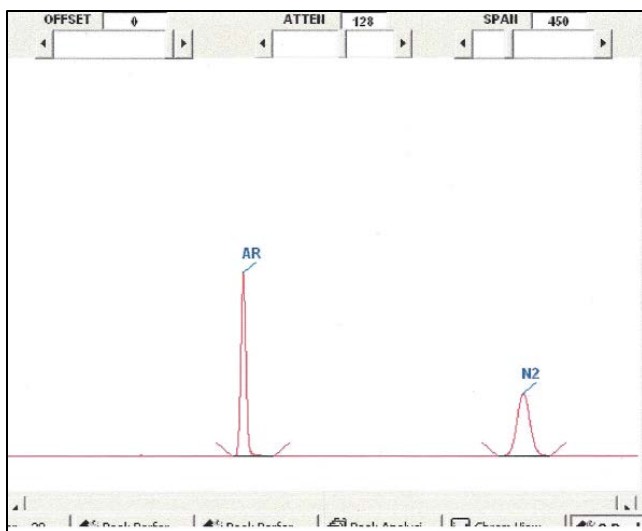
Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's 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 # 930-200** is the ideal solution for the detection of **Argon &/ or Nitrogen** compounds. Listed below are typical field applications for this unit.

- Ar & N<sub>2</sub> in UHP Oxygen
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Air Separation Plants
- Purifier Manufactures



Argon &/or Nitrogen based chromatograph within Oxygen matrix gas.

### Model #930-200 Users

- Air Liquide
- Linde
- Air Products
- TSMC



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

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