

Figure 1 illustrates the lower detection limits of a PDHID analyzer monitoring compounds within Helium or Hydrogen gases. 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)

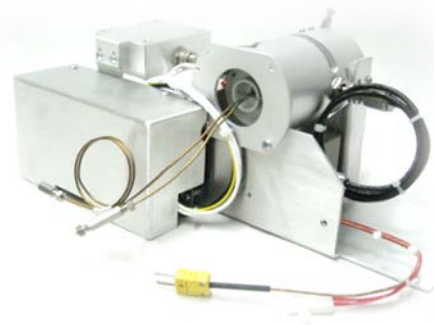
Impurity	Matrix Gas:	He
N₂: Nitrogen		1

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: Helium or Hydrogen

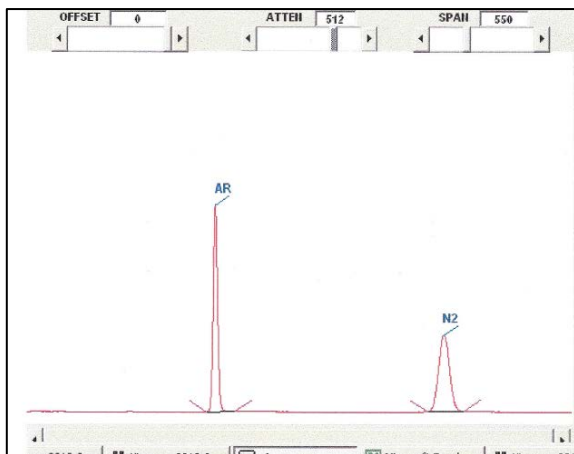
Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's 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 # 930-105** is the ideal solution for the detection of **Nitrogen** compounds. Listed below are typical field applications for this unit.

- N₂ in UHP Helium
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Air Separation Plants
- Purifier Manufactures



Nitrogen based chromatograph within Helium or Hydrogen matrix gas.

Model #930-100 Users

- Air Liquide
- Fairchild Semiconductor
- Wonik Materials
- MXIC
- DIG



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

www.peaklaboratories.com