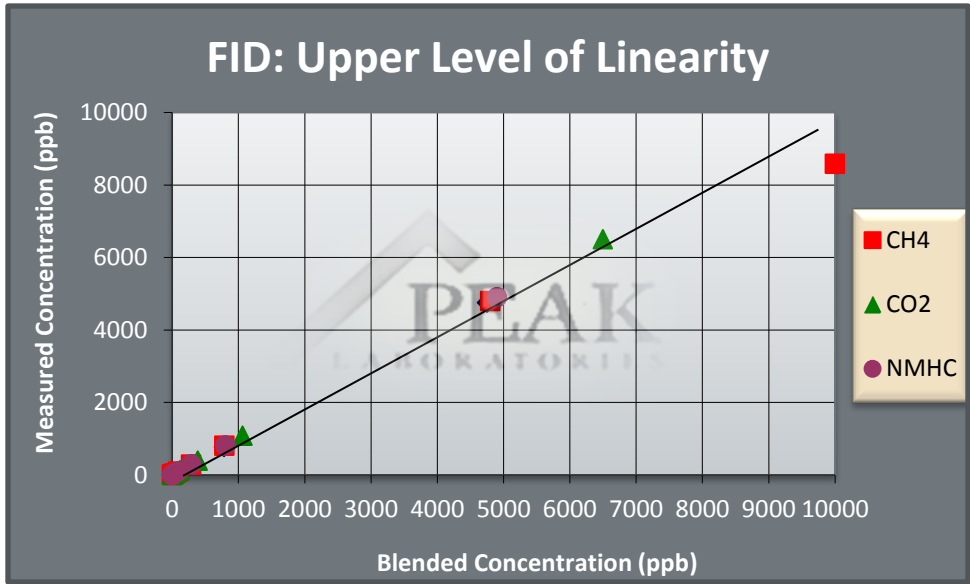


Figures 1 & 2 illustrate the lower detection limits of an FID analyzer monitoring compounds within Oxygen gas. Using Peak's pioneered hybrid platform results are delivered accurately while maintaining linearity, down to lower and upper levels.



Performance:

Typical lower detection limits (in parts per trillion)

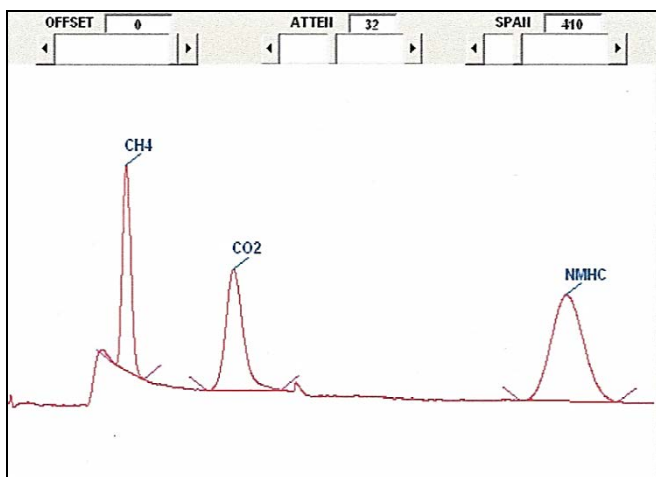
Impurity	Matrix Gas:	O ₂
CO ₂ : Carbon Dioxide		800
CH ₄ : Methane		500
NMHC/ NMOC		800

All performance specifications are based on fully optimized PP1 with 5 cc sample loop

Peak Labs is your analytical partner, not just supplier.

Matrix Gas: Oxygen

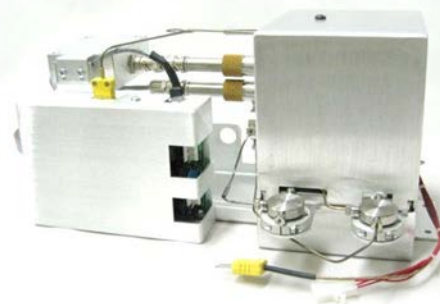
Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's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



Total Hydrocarbons & Carbon Dioxide based chromatograph within Oxygen matrix gas.

Model #920-220 Users

- Air Products
- Intel
- Texas Instruments
- Linde
- Samsung Semiconductor
- Air Liquide
- TSMC



Fields of Application:

The FID model # 920-220 is the ideal solution for the detection of **Total Hydrocarbon & Carbon Dioxide** compounds. Listed below are typical field applications for this unit.

- CH₄, CO₂ & NMHC in UHP Oxygen
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Air Separation Plants



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

www.peaklaboratories.com