

99201: 0-10.00 PPM O2 Analyzer
Calibration & Repeatability Testing

January 2025

99201 Ultra Low PPB Oxygen Analyzer

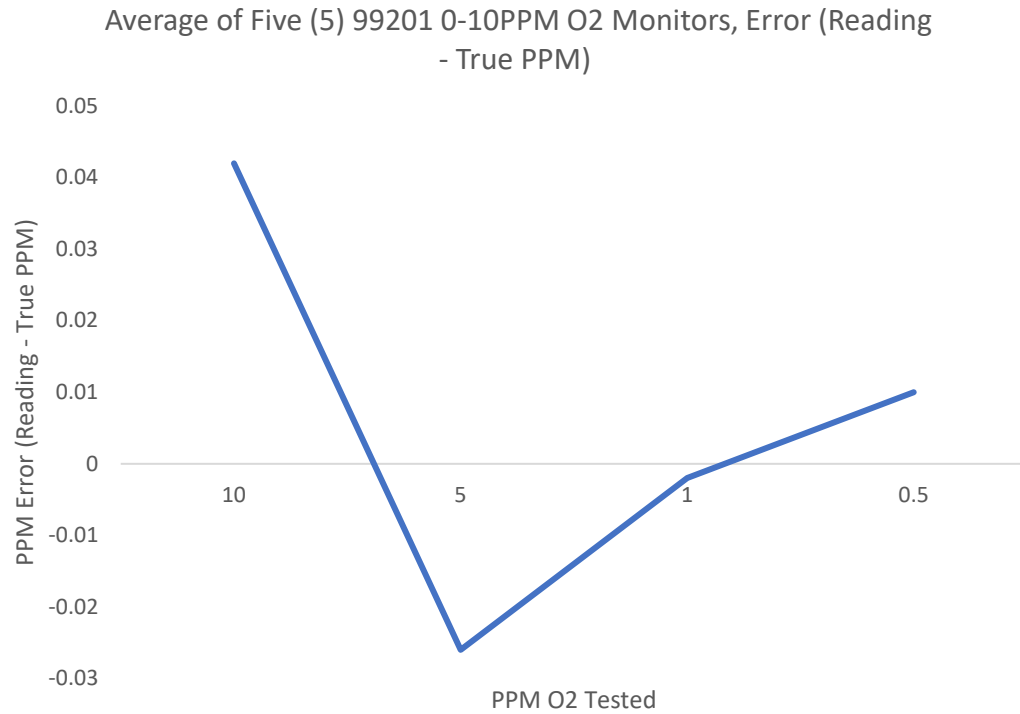
- **Industry Leading Performance:** Measurements to $<0.05\text{ppm}$, i.e. $<50\text{ppb}$
- **Versatile Connections:** Compatible with KF-25 or KF-40 connections for easy integration with your chamber or gas line.
- **Robust Design:** Lower temperature zirconium oxide sensor ensures long-lasting performance for many years.
- **Simple Calibration:** Simple and convenient calibration process.
- **Rack Mountable:** Supports rack mount installation for streamlined use.
- **Customizable Options:** Further customization is available to meet your specific needs.



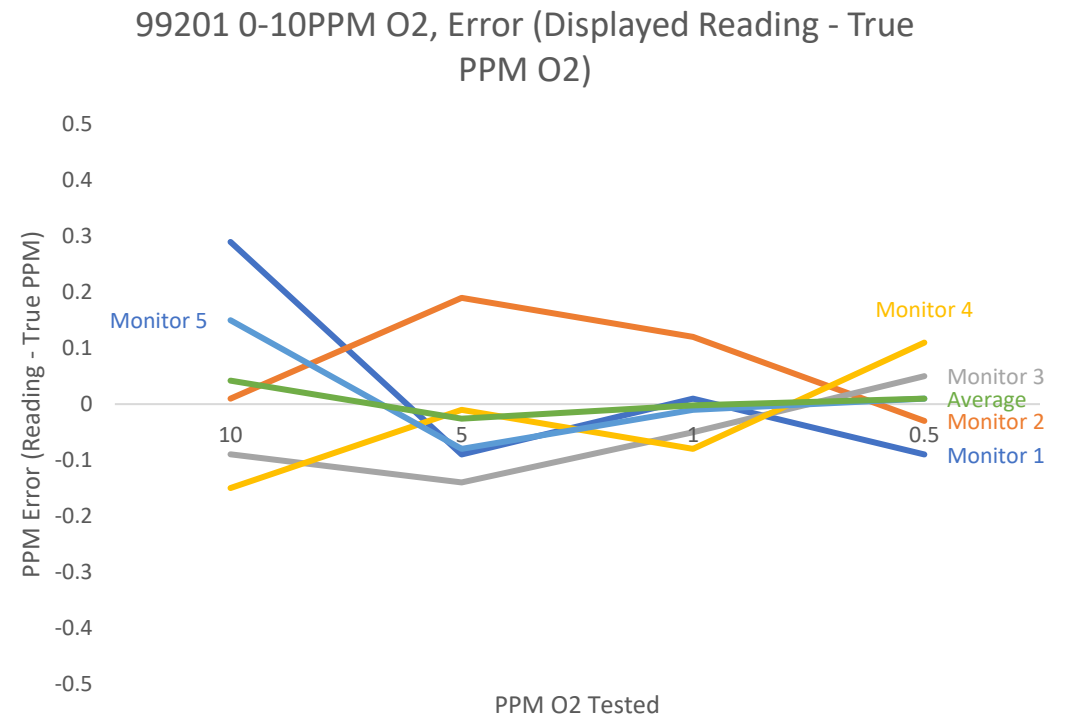
Accuracy



- Overall Average



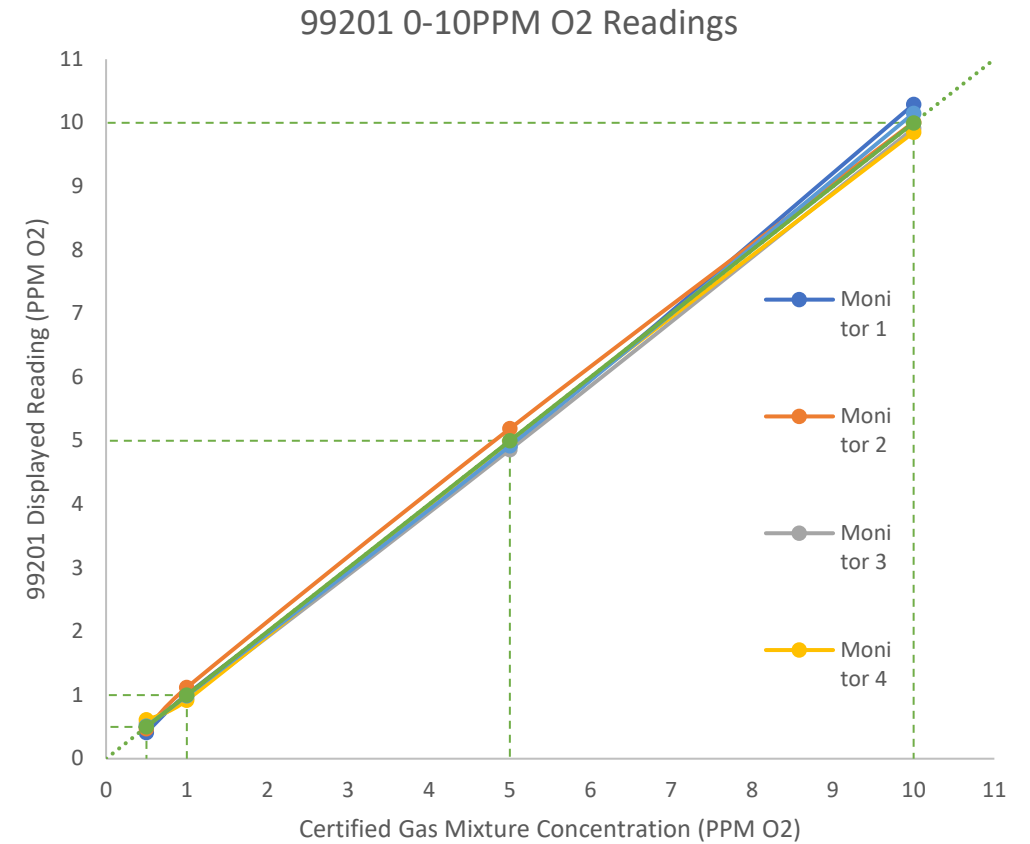
- Individual Accuracy



Factory Calibration

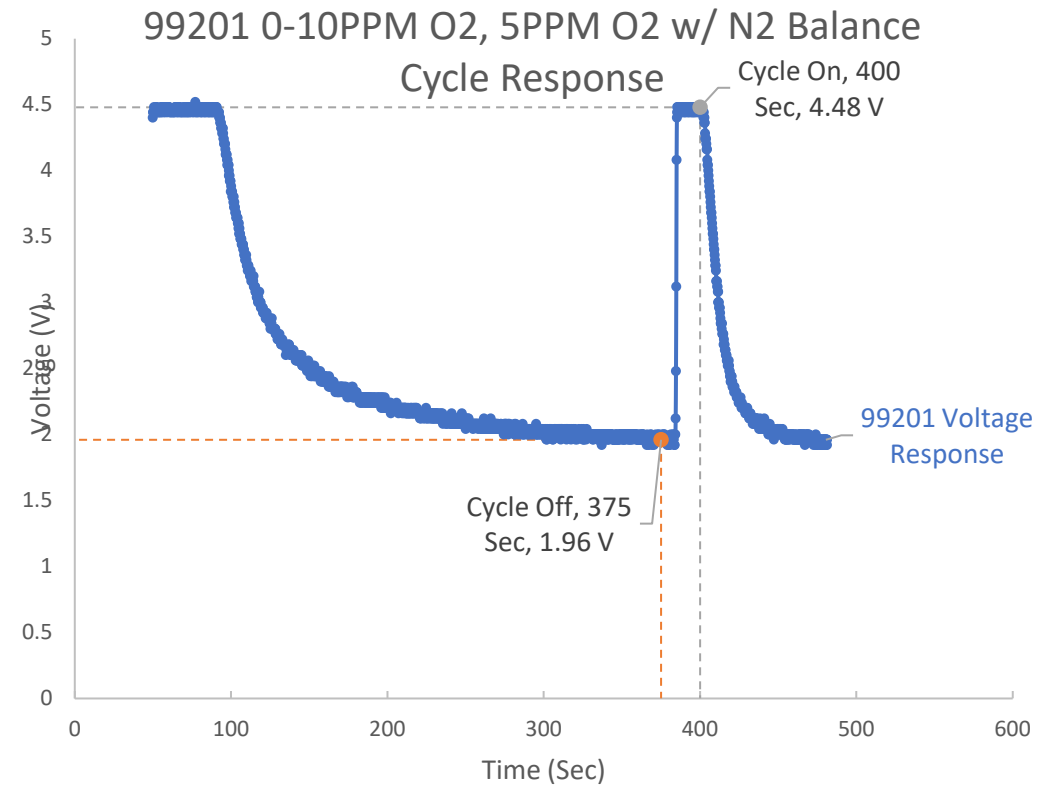


- Monitor is factory calibrated using 4 separate gases:
 - 0.5 PPM O₂
 - 1 PPM O₂
 - 5 PPM O₂
 - 10 PPM O₂



Field Calibration

- Using 5 PPM O2 in N2 Balance and calibration cap 83052
- Flow gas over the sensor at 500 ccs or 0.5 LPM for at least 5 minutes before adjusting
- After 5 minutes, adjust the sensor span until the sensor reads 5.00 PPM
- Continue to flow gas until 5 more minutes have elapsed while adjusting further





THANK YOU FOR YOUR TIME
WE LOOK FORWARD TO WORKING WITH YOU

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