**Example micro dissolved Oxygen for MP, UMCG**100 mm Hg at 4°C makes 8.3 mg/L (At 4°C: mmHg/12.07 = mg/L) (At 4°C: ±0.1 mg/L is a ±2.5% accuracy)  
100 mm Hg at 37°C makes 4.5 mg/L (At 37°C: mmHg/22.17 = mg/L) (At 37%: ±0.1 mg/L is a ±1.2% accuracy)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Range** | **Accuracy** | **Resolution** | **Response** | **On-line** | **Comm.** | **Comment** | **Cost** |
| [Pyroscience](https://www.pyro-science.com/fixed-optical-oxygen-sensors.html)  Fixed Needle-Type | 0-23 mg/L  (max 45) | ±0.01 mg/L at 1% O2  ±0.1 mg/L at 20% O2  4°C:  ±0.01 mg/L at 0.62 mg/L  ±0.1 mg/L at 12.5 mg/L  37°C:  ±0.01 mg/L at 0.321 mg/L  ±0.1 mg/L at mg/L | At 1% O2 0.05  At 20% O2 ±0.25 | <2 sec 90% | submerge | UART Analog | Not flow-through | Oem meter: €3,580  PT100 temp:  €2,350  Excl. USB:  €2,060  approx. +200-300 |

