

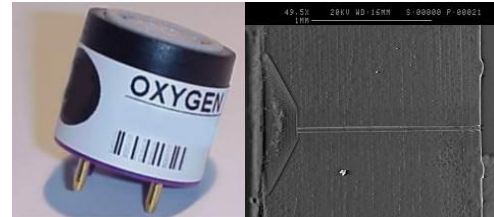


## Laser Micromachining Applications Card

*Electrochemical Oxygen sensors need small holes to allow a controlled in-diffusion of Oxygen. To make these devices physically smaller and last longer requires the use of smaller holes than can be achieved with mechanical techniques. The material s also typically excludes the use of EDM and ECM.*

*OpTek's industrially-proven laser micro-hole drilling for air cap production, provides the flexibility to drill a range of different parts and capillary sizes, while delivering the precision and reproducibility required for accurate sensing.*

*Automated part handling maximises product throughput, while integrated critical feature inspection and active feedback ensures quality and productivity.*



*Laser Micro-Drilling – O<sub>2</sub> Sensor sampling capillary*