

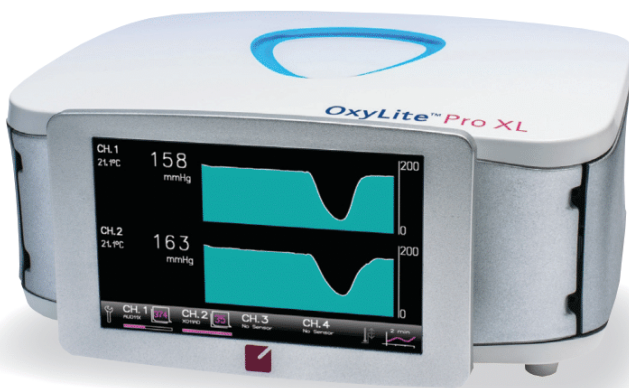
OxyLite™

Scintica:

Tissue pO₂ and *in vitro* dissolved oxygen monitors

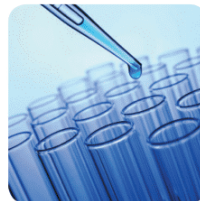
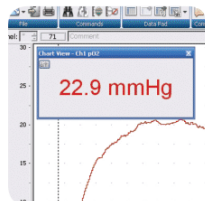


OxyLite™
Single-channel monitor



OxyLite™ Pro
Multi-channel monitor
with touch-screen

- Third-generation optical oxygen partial pressure (pO₂) monitoring
- Unrivalled ease of use
- No user calibration required
- *In vivo* and *in vitro* applications
- Minimally invasive 'optode' sensors
- Readings from up to 4 locations simultaneously
- Outstanding accuracy, stability and performance
- Intuitive touch-screen controls*



OxyLite™ – The gold standard

International gold standard

The OxyLite™ brand is recognized the world over in biomedical hypoxia and ischaemia research, boasting in excess of 500 peer-reviewed journal citations and hundreds of units sold.



The easiest to use oxygen monitor, in the world!

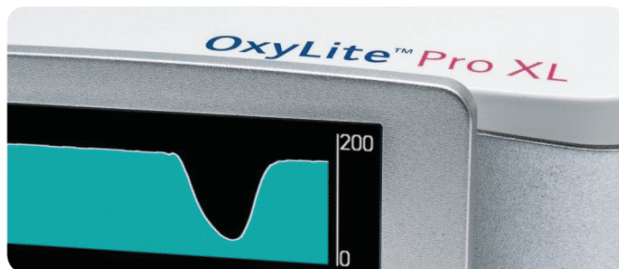
No sensor calibration procedures, no sensor drift, built-in temperature compensation, oxygen displayed directly in absolute units, integrated touch-screen*. Our OxyLite monitors are simply the most user-friendly oxygen monitors available today.

Applications

Cancer biology, angiogenesis, stroke and brain injury, vital organ and muscle tissue monitoring, flap monitoring, ophthalmology, wound healing as well as dissolved oxygen monitoring in cell culture, bioreactors etc., etc.

Absolute units of dissolved oxygen

OxyLite™ generates absolute units of dissolved oxygen in mmHg or kPa. In tissues this represents a direct readout of oxygen availability to cells and tissue, in contrast to blood oxygen saturation assessment, which merely describes the haemoglobin oxygenation status.



Performance

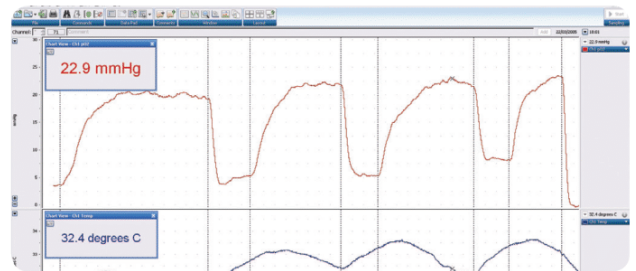
Third-generation fluorescence-based 'optode' technology provides unmatched sensitivity, stability and accuracy in the physiologically relevant pO₂ range and under conditions of hypoxia.

Multi-channel productivity and versatility

The OxyLite™ Pro is available in dual or 4-channel versions for simultaneous monitoring from multiple tissue sites or multiple *in vitro* samples. Suitable for tissue pO₂ measurements AND for *in vitro* dissolved oxygen measurement in hypoxic cell culture, tissue engineering etc.

Multi-parameter monitoring

OxyLite™ is specifically configured for use with our OxyFlo™ blood flow monitors, enabling the simultaneous measurement of tissue oxygen, blood flow and temperature from our unique, combined sensors.



Digital and analogue outputs

All OxyLite monitors offer a choice of analogue or digital outputs for continuous data recording to charting software.

2-year product warranty

A full 2-year peace-of-mind manufacturer's warranty is provided, covering defects in materials and workmanship.

*OxyLite™ Pro monitors only.

