

OXYLITE™

Single-channel tissue oxygen monitor



OXYLITE™ PRO

Multi-channel tissue oxygen monitor

Gold standard tissue pO_2 and *in vitro* dissolved oxygen monitors

- Oxygen monitors for *in vivo* tissue pO_2 and *in vitro* dissolved oxygen measurements
- Intended for hypoxia and ischaemia research
- Outstanding accuracy, stability, and performance
- Absolute units of partial pressure in mmHg or kPa
- Unrivalled ease of use, no sensor calibration required
- Measurement from up to 4 sensors simultaneously*
- Intuitive touch-screen user interface*

The recognized Gold Standard

The OxyLite™ brand is recognized the world over in biomedical hypoxia and ischaemia research, boasting more than 600 peer-reviewed journal citations and hundreds of units sold globally.

The easiest to use oxygen monitor in the world

Fully 'plug and play' sensors, no user sensor calibration procedures, no sensor drift, built-in temperature compensation, oxygen measured in absolute units, integrated touchscreen*. Put simply, no oxygen monitor is easier to use.



Applications

pO₂ in cancer biology, angiogenesis, stroke and brain injury, vital organ and muscle tissue monitoring, flap monitoring, ophthalmology, wound healing; dissolved oxygen monitoring in cell culture, bioreactors, and more.

Absolute units of oxygen

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

Performance

Our third-generation fluorescence-based 'optode' sensor technology provides unmatched sensitivity, stability, and accuracy in the physiologically relevant oxygen range.



Multi-channel productivity

The OxyLite™ Pro is available as a 2-channel or a 4-channel device for the independent measurement from up to 4 sensors. It features a touchscreen display presenting data in both digital and graphical formats, and providing access to additional instrument settings.

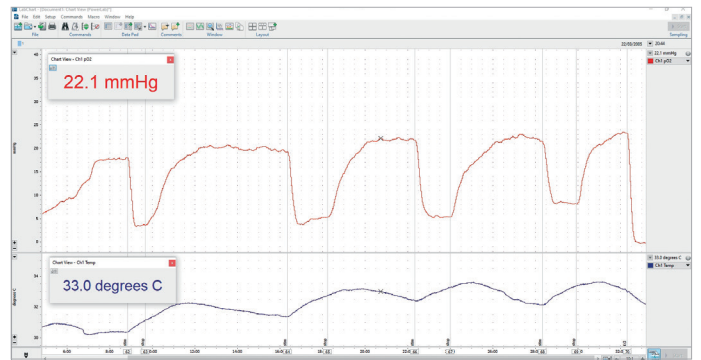


OxyFlo™ ready

OxyLite™ monitors are configured for use alongside our OxyFlo™ tissue perfusion monitors for the simultaneous measurement of tissue oxygen and blood flow using unique multi-parameter sensors.

Data logging

A choice of traditional 0-5V analogue outputs and a digital data output compatible with the popular LabChart® Pro charting software by ADInstruments is offered across all OxyLite™ monitors.



2-year product warranty

All OxyLite™ monitors are covered by our comprehensive 2-year manufacturer's warranty.

*OxyLite™ Pro monitors only

Intended use statement: OxyLite™ and OxyLite™ Pro are intended for laboratory, industrial and research use only.