



# Aegis Oxygen Sensor For Continuous Measurement



- Oxygen Tension
- 0 to 500 mmHg
- No Calibration
- Accuracy  $\pm 1$  mmHg

The **Aegis Oxygen Sensor** gives OEMs an easy way to add accurate oxygen tension measurement *in vivo* in

blood, organs, and tissue. The single-use Sensor runs for 72 hours and delivers continuous readings with a fast response time.

All the limitations with traditional oximetry—motion artifacts, electrocautery, ambient light, vasoconstriction, hypothermia —disappear with our new Aegis Oxygen Sensor. Together with our Optode Engine (OE), the combination makes for an easy-to-use, accurate, and low-cost system to generate real-time PO<sub>2</sub> measurements.

Better patient surveillance. Better outcomes. Aegis.

### Technical Specifications

- **Size**  
500 micron diameter  
18" length
- **Sterile**  
Yes

### PO<sub>2</sub> Measurement

- **Range**  
0 to 500 mmHg
- **Accuracy**  
 $\pm 1$  mmHg or  $\pm 1\%$ ,  
whichever is greater
- **Response Time**  
30 seconds (10%–90%)

### Temperature Measurement

- **Range**  
5 to 45°C
- **Accuracy**  
 $\pm 0.2^\circ\text{C}$
- **Response Time**  
30 seconds (10%–90%)