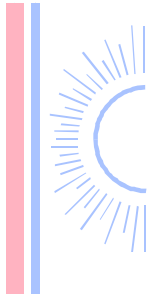


FL-3 FLUOROPROBE



Designed for long-term monitoring in remote and harsh environments

Application Temperature Range:

Instrument -30° C to +50° C

Sensor Material 0° C to +50° F

Operation Range: 0 ppm to Supersaturation

Sensor Thickness: 0.005"

Response Time:

Aqueous Solutions 30 sec (90%)

Gaseous Phases 7 sec (90%)

Response Time based upon approximately 1 ft/minute flow across sensor-Response Time will decrease with increased flow, however,

FLOW IS NOT REQUIRED FOR MEASUREMENTS

Accuracy:

Aqueous Solutions-Range 0ppm-10ppm

Stability 0.2ppm

Instrument Measurement Steady state

(Amplitude/Lifetime)

Temperature Compensation Yes



Ambient Excitation Compensation Yes

Sensor Lifetime (Glass bonded/Non bonded)

Based solely upon the application environment of Silicone Rubber

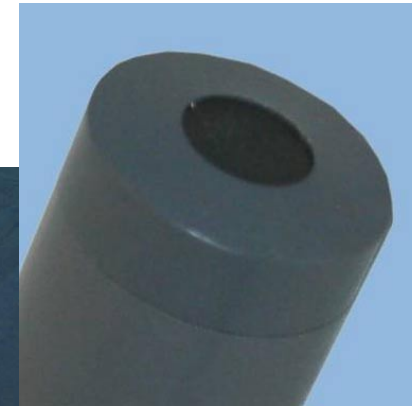
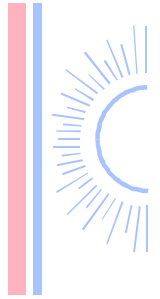
4-20 mA

Max resistance 550 ohms

The FLUOROPROBE is not a re-engineered Clark or Galvanic probe. This is the biggest technology breakthrough for long-term monitoring and control of dissolved oxygen in 50 years. No electrolyte solutions or membranes to change.

No more constant calibration or probe fouling. This method does not consume oxygen.

Patented Optical Sensor Technology



New patented optical sensor changes technology for oxygen measurement and control in the environmental and aquaculture industry.

Simple, easy installation.

Direct insertion into aeration tank.

No need for floats or other costly mechanisms.

Not pressure sensitive, can be inserted at any depth.