

innoSens 450

Optical Dissolved Oxygen Probe

The innoSens 450 probe is used for the optical measure of oxygen in pure and process waters.

The principle of measurement is based on the effect of dynamic luminescence quenching by molecular oxygen.

Features

- Reliable concentration measurement using optical measuring process
- Dynamic luminescence measuring method
- AISI 316 or Black rigid PVC sensor body
- Interchangeable cap for luminophore's replacement
- No mechanically moving parts
- Immediate installation and easy maintenance
- Ability to set salinity and barometric pressure for the compensation of the oxygen value

Specification



innoSens 450 dissolved oxygen

Measurement range:	0.00 - 20.00ppm, 0 - 200%
Resolution:	0.01ppm
Accuracy:	±0.1ppm or ±1%
React time:	< 60S
Electrolyte / membrane:	Need to exchange fluorescent cap (cycle 1~2 year)
Dimension:	Diameter 33.5mm, Length 197mm, Connection 3/4"
Cable:	Standard 10m
Protection Grade:	IP68
Working temp:	0 - 60°C