

# Visiwater Oxygen Probe



Dissolved oxygen sensor based on the luminescence principle. With robust sensor tip and low drift.

Measuring method	Luminescence
Measuring range	0~40 mg/l
Accuracy	± 0.5 %vol
Response time	< 30 s
Operating pressure	0~12 bar
Sample temperature	2~60 °C
Plug	Open cable or SB plug
Material	Stainless steel 1.4435, PTFE
Dimensions	120 mm × 12 mm

**Product code 718 080**

- Short response time
- High accuracy
- Minimum maintenance
- Long calibration interval

## Method

The tip of visiwater's probe head is coated with a sensor layer which is excited during measurement, causing fluorescence. In the presence of oxygen this fluorescence is inhibited. This allows the determination of the oxygen concentration from the intensity of the fluorescence.

This measurement principle requires neither polarisation time nor electrolyte.

## Applications

Wastewater treatment plants

Drinking water

Fish farming

Water monitoring