

Which optical DO technology would you prefer?

So you need to update your Dissolved Oxygen measurement system and are at the stage of comparing EnviroEquip-supplied Insite IG DO analysers versus other manufacturers with optical DO technology. Here are ten important factors to investigate and consider...



- 1 Insite IG's DO sensor is not at all affected when exposed to direct or indirect sunlight. Sunlight will not deteriorate the sensor in anyway.
- 2 Insite IG's DO sensor has no consumables or sensor caps which require purchase and replacement on a yearly basis. The Insite IG sensor will last for up to 10 years.
- 3 Insite IG's DO sensor is very resistant to abrasion. Cleaning the sensor with a soft brush will not remove any of the sensing material.
- 4 Insite IG's DO sensor is designed for wastewater aeration basins. It was not designed by a company which primarily markets to the medical industry.
- 5 Insite IG's DO sensor is available in a dual channel system, which can accept a second DO sensor or a Suspended Solids sensor. Online measurement of Suspended Solids automates the normal practice of pulling samples from each basin at least once a day, then running labs on the sample. This is a messy, time consuming job that can be greatly reduced with online SS meters saving both time and money.
- 6 Insite IG's DO sensors are in their 3rd year of production. Acceptance of Insite's technology is widespread and there are hundred's of systems sold. The company is in a strong position.
- 7 Insite IG's DO analysers have an optional automatic cleaning system which does not have any external apparatus. There are no "rag catchers" which would otherwise cause a rapid build-up of fibrous material.
- 8 Insite IG's DO sensor can be easily calibrated in the field, even without removing the sensor from the process.
- 9 Insite IG's DO sensor has a large measuring range (0 to 25ppm); high system accuracy (+/- 0.05ppm for the entire span); and fast response time (<60 seconds to 95%).
- 10 Insite IG's DO sensor has a 2 year warranty which is supported by EnviroEquip. 30 day trials can be provided by EnviroEquip on Insite IG's equipment. Please contact EnviroEquip for further information.