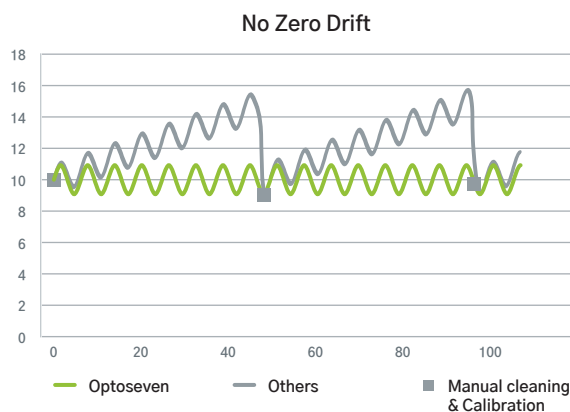
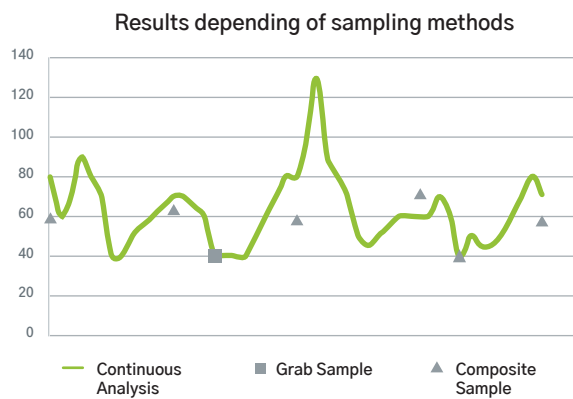


Effluent Monitoring

Advantages of Optoseven UV COD
and Turbidity Analyser





Effluent Waste Water

Effluent waters are the final products of industrial pre-treatment and municipal waste water treatment plants.

They are often monitored by grab- or composite samples and the samples are analysed later in the laboratory. By these methods, it is impossible to get a truthful picture of the waste water fluctuations.

Reliable Results Without Zero Drift

In optical analyser contamination at measuring optics can cause increasing offset to the measurements. Electrochemical sensors are prone to drift as well. One of the major advantages of Optoseven FSA-CT1000 liquid analyser is the automatic cleaning and zero calibration adjustment.

Operation costs are reduced since there is no need for frequent manual cleaning in order to get reliable measuring results.



Monitoring

With Optoseven FSA-CT1000 UV COD and Turbidity analyser, effluent waste water can be monitored real time. Results may be used e.g. to:

- Give a better knowledge about your process
- Inform if the process needs your attention
- Help you to optimize the process and develop your operation to more nature friendly direction
- Save the costs in the form of industrial waste water fees

Effluent waters are often relatively pure. When analysing waters that are low in concentrations, zero drift of the analyser is an even more important factor.