iTOXcontrol

Integrated On-line Wastewater Toxicity Monitor

Automatic waste water toxicity monitoring with the iTOXcontrol helps to control your process

- Monitors the toxicity of the influent going into, and the effluent going out of the biological treatment plant.

- Integration of different sensors like the s::can uv-vis sensor (optional) to combine and automatically correlate with TOC, COD, BOD, UV, Nitrate and turbidity results.

- Information can be sent to an internet data base or SCADA system to support decision making for alarm monitoring and modelling.

- Integration of (optional) on-line Solid Phase Extraction for additional concentration of the sample up to 1.000 x

Why wait days for your toxicity results when you can run it fully automatic and have more control over your waste water treatment process.

Low maintenance and easy to use

By integrating all the reagents into the system it is possible to extend the maintenance cycle to 1 hour every week. This decreases the maintenance costs, compared to traditional respiration monitors or off-line toxicity testing, but still offering good correlations with both techniques (shown in many applications).

Specifications of the new iTOXcontrol:

- Small footprint: 50x50x 183 cm (D x W x H).
- Communication : integrated 4-20 mA signal, TCP/IP
- Optional: modem for telephone connection or additional RS232 connection.
- Very reliable, low running & maintenance cost.
- TOXview software for data acquisition & evaluation.
- Can run completely independent for 1 week.