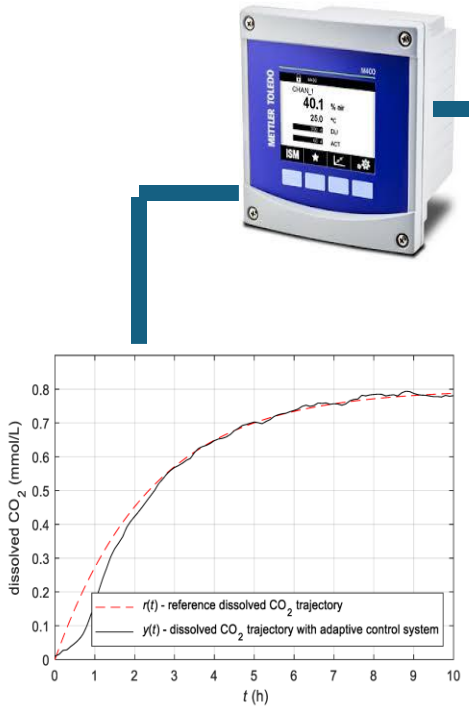
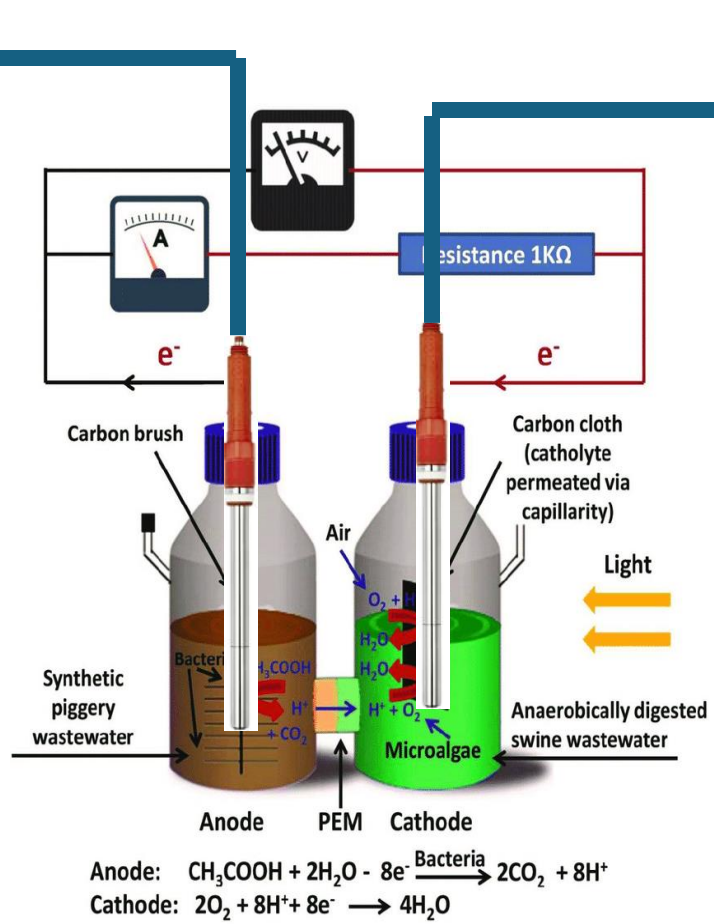
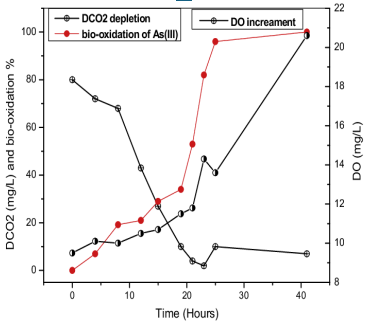
# Microalgae as CO2 Sequestrator

**What?** Carbon dioxide ($CO_2$) makes up about 0.04% of the air we breathe. Many living things, like us, animals, and plants, release $CO_2$ when they do their normal stuff. When we breathe, we take in oxygen and give off $CO_2$ as a waste product. This happens whether we're moving around or just chilling out. Even tiny creatures release $CO_2$ when they break down stuff for energy.

**How?** To monitor the $CO_2$ levels in the water during a microbial process, scientists use a special device called the Transmitter M400 Type 2 made by METTLER TOLEDO. This tool provides us with real-time information about the $CO_2$ levels in the water, helping us keep track of what's happening.




**Why?** Now, scientists are excited about microalgae, these tiny plant-like guys that are amazing at sucking up CO2 and turning it into cells (biomass) through photosynthesis.