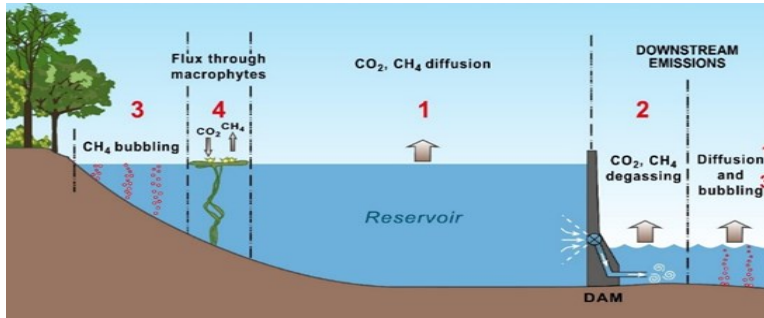


SAGES—AUTOMATED SYSTEM FOR GREENHOUSE GASES MEASUREMENTS

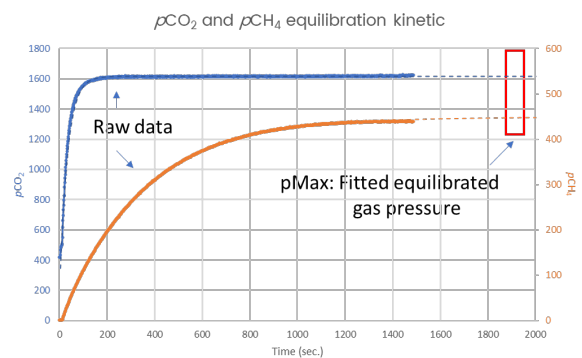
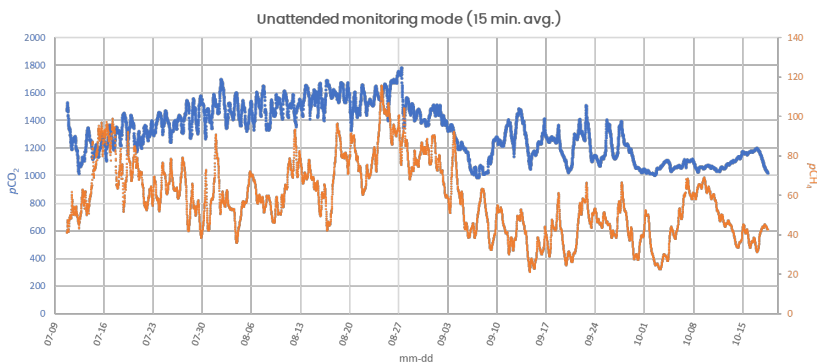
Aqua-Consult and Hydro-Québec designed the most flexible portable automated systems for measuring aquatic GHGs. Whether for spatial or temporal variability studies, SAGES is the robust and compact tool that will allow you to carry out your study of the different types of GHG emissions.



Carbon dioxide and methane pathways in a freshwater reservoir



The instrument can be deployed long term in a natural environment (e.g., bog, lake, reservoir) or in an industrial environment (e.g., hydroelectric plant, water treatment plant). It can also be used as a field analyzer for in-situ surface or bottom measurements. It allows measurements to be made over a wide concentration range without sample dilution. Aqua-Consult will provide you with the optimal configuration according to your needs.



Specifications

Waterproof robust field casing, wireless communication

Dimensions	60 x 24 x 34 cm
Approx. weight	10 kg
External power	12 volts DC (24 watts in continuous mode)
Variable flow rate (air loop)	0.5 to 5 LPM
Control interface	Campbell Scientific logger

On-board gas sensors

CO ₂ : IR detector	(0 – 20 000 ppm)
CH ₄ : TDLS	(0-1 000 ppm; 1 000-10 000 ppm)
O ₂ : Galvanic cell	(0-120 %)

Third party sensor ports

Default configuration : Water flow meter (1-25 LPM) and temperature (0-100 °C)

Contact us: numerous options available like water quality probes, weather station, external pumps,

