

## Weatherproof, Dependable Autochamber for GHG Analyzers

- ✓ Long Term, Continuous Measurement
- ✓ Gaset, ABB-LGR & Picarro Compatible
- ✓ Flux Analysis Software
- ✓ Compact
- ✓ Robust Construction

The eosAC is a robust autochamber for measuring multi-species soil gas flux with Gaset, Los Gatos Research (ABB-LGR) and Picarro gas analyzers. Up to twelve chambers can be connected to the analyzer via the eosMX or eosMX-P multiplexers. The eosAnalyze software enables processing of gas flux data on any Windows-based



### Proven in the Field

Deployed all over the world, the eosAC has shown its strengths in a broad range of environments.

### Designed for Accuracy

The eosAC leads the way in autochamber design with:

- Slow raising/lowering that eliminates pressure effects
- Vent design that ensures steady atmospheric pressure without compromising samples through back diffusion
- Gas feed/return loop that promotes efficient mixing

### Convenient

Setup is remarkably simple, so you are up and running fast. Its compact size and space-saving lift mechanism help it avoid entanglement with things like undergrowth and vines. With a reach of 30 m / 100 ft for each chamber from the analyzer, you have a huge coverage area of about 2800 m<sup>2</sup> / 30,000 ft<sup>2</sup>.

### Everything You Need

Eosense partners with Gaset, ABB-LGR and Picarro to offer complete solutions for your soil gas flux measurement: analyzer + chambers + multiplexer + software + accessories + support.

### Specification Highlights

Chamber volume	1969 cm <sup>3</sup> / 120 in <sup>3</sup>
Chamber surface area	182 cm <sup>2</sup> / 28 in <sup>2</sup>
Operating voltage	12 V DC
Operating power - in motion	< 8 W
Operating power - idle	< 1 W
Mass (approx)	5 kg / 11 lb
Reach (analyzer to chamber)	30 m / 100 ft (Gaset, ABB-LGR, Picarro)
Auxiliary sensor ports	3
Post-processing & visualization software	eosAnalyze-AC