

Weatherproof, Dependable Autochamber for GHG Analyzers

- LONG TERM, CONTINUOUS MEASUREMENT
- LGR & PICARRO COMPATIBLE
- FLUX ANALYSIS SOFTWARE
- COMPACT
- ROBUST CONSTRUCTION



The eosAC is a robust autochamber for measuring multi-species soil gas flux with Los Gatos Research (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 computer.

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 m² / 30,000 ft².

EVERYTHING YOU NEED

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

*15 m / 50 ft for LGR

SPECIFICATION HIGHLIGHTS

Chamber volume	1969 cm ³ / 120 in ³
Chamber surface area	182 cm ² / 28 in ²
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 (Picarro) 15 m / 50 ft (LGR)
Auxiliary sensor ports	3
Post-processing & visualization software	eosAnalyze-AC

CONTACT

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