



The eosAC-LT/LO soil gas flux chamber's large footprint, proven design and automated measurement capabilities allow researchers to capture accurate measurements of NEE and trace gases. When coupled to one of the compatible analyzers, even the smallest changes in soil gas flux can be monitored.

- FIELD READY DURABLE DESIGN
- LARGE CHAMBER FOOTPRINT
- OPAQUE (-LO) OR TRANSPARENT (-LT)
- LONG TERM, CONTINUOUS MEASUREMENTS
- ABB-LGR, GASMET & PICARRO COMPATIBLE
- FLUX ANALYSIS SOFTWARE

Hardware	
Enclosure	Aluminum/Acrylic
Gas Lines	PTFE
Auxiliary Sensor Ports	2
Dimensions	
Chamber Volume	0.072 m ³ / 2.5 ft ³
Chamber Surface Area	0.21 m ² / 2.3 ft ²
Reach (chamber to analyzer)	30 m / 100 ft (Picarro)
	30 m / 100 ft (Gasmeter)
	30 m / 1000 ft (ABB-LGR)
Operating Environment	
Temperature	0 to 50 C / -4 to 104 F
Humidity	0 to 100% RH non-condensing

Environmental Sensors	
Air/Chamber Temperature	0 to +50°C
Barometric Pressure	300 to 1100 hPa
Auxiliary Sensors (Optional)	
Soil Temperature	-40 to +60°C
Soil Moisture (VWC)	0.0 to 1.0 m ³ /m ³
PAR	0 to 4000 μmol m ⁻² s ⁻¹
Power	
Operating voltage	12 V DC
Operating power (in motion)	< 17 W (1.4 A)
Operating power (closed/open)	< 1 W (0.1 A)
Other Features (Optional)	
Exterior	Transparent/ Opaque
Collar	10 cm / 20 cm 3.9 in / 7.9 in
Base*	Stackable base to increase height

Note: All specifications are preliminary and subject to change without notice.

CONTACT
888.352.8313
info@eosense.com