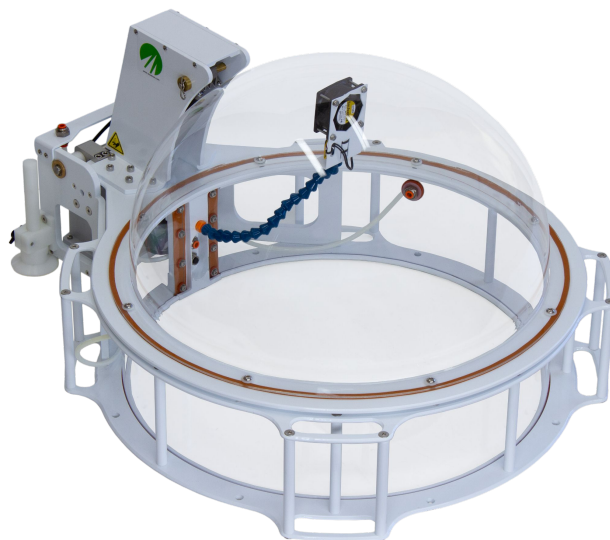


The eosAC-LT/LO automated flux chamber is purpose-built for applications that demand a large sampling area. The chamber design incorporates scientific best practices and features swappable components that allow for hassle-free repairs in the field. Seamless integration with leading gas analyzers and included flux analysis software enable simple and accurate measurements of trace gas flux.

- Field-Ready, Durable Design
- Large 52 cm Diameter Chamber Footprint
- Opaque (-LO) or Transparent (-LT) Options
- Field-Serviceable Components
- Seamless Integration with Leading Gas Analyzers
- Flux Analysis Software



Hardware

Enclosure	Aluminum/Acrylic/ABS
Gas Lines	Bev-A-Line® (PTFE optional)
Auxiliary Sensor Ports	2

Dimensions

Chamber Volume (V)	0.072 m ³
Exposed Soil Area (SA)	0.21 m ²
Reach (chamber to analyzer)	30 m
Overall Size (max. L x W x H)	Closed 90 x 61 x 45 cm Open 90 x 61 x 92 cm
Weight	17 kg

Operating Environment

Temperature	0 to 50 C
Humidity	0-100% RH non-condensing

Environmental Sensors

Air/Chamber Temperature	0 to 50 C
Barometric Pressure	30 to 110 kPa

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	12-15 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 or Opaque
Collar Height	10 cm 20 cm
Base Extension	30 cm 70 cm

Note: All specifications subject to change without notice