

# Chambers

Designed to minimize effects on the variables you want to measure, LI-8100A chambers are the result of close collaboration between scientists and engineers.

Equalize pressure in the chamber with atmospheric pressure—even in windy conditions

Chamber shape provides a well-mixed air sample

Constructed from durable components—for long-term outdoor deployment

The long-term chambers pivot away from the measurement area to minimize alterations to sun exposure, wind, and precipitation at the sample location. They have user-selectable open positions for situations where it is necessary to avoid terrain or other obstructions.

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## Long-Term Chamber

The opaque long-term chamber (8100-104) is finished in durable, highly reflective white enamel.



## Clear Long-Term Chamber

The clear chamber (8100-104C) is designed for long-term net carbon exchange measurements. It features a durable, clear chamber so that plants are exposed to sunlight during measurements.

## 20-cm Survey Chamber

The 20-cm survey chamber (8100-103) features durable white enamel finish. It is designed to be easy to move from one point to another, for surveying and mapping CO<sub>2</sub> concentrations. High sample area-to-perimeter ratio provides a good representation of undisturbed soil.



## 10-cm Survey Chamber

The 10-cm survey chamber (8100-102) features durable white enamel finish. It is designed to be easy to move from one point to another, for surveying and mapping CO<sub>2</sub> concentrations. Ideal for sampling small areas between plants or other obstructions.

