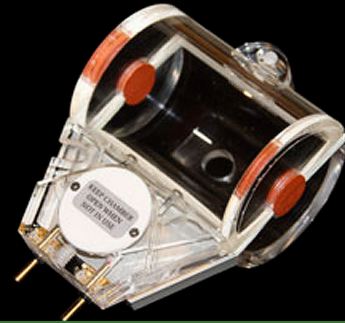




LC-5 LARGE CYLINDER CONIFER CHAMBER



The LC-5 large cylinder conifer chamber provides for easy photosynthesis measurement of medium to long conifer needles.

LC-5 Large Cylinder Conifer Chamber

The LC-5 large cylinder conifer chamber provides for easy photosynthesis measurement of medium to long conifer needles. The LC-5 is connected directly to the CI-340 differential gas analyzer so there is virtually no delay when measuring CO₂ or H₂O in the leaf chamber. Rubber o-rings provide for a secure connection between the chamber and the analyzer. The locking screw on the leaf chamber also provides a secure connection by tightening and fastening the chamber to the CI-340.



The conifer chamber is outfitted to securely hold the non-contact infrared leaf and air temperature sensor, as well as to firmly hold the PAR sensor in the correct position, providing accurate light measurement.

The LC-5 large cylinder conifer chamber is made from clear acrylic to provide light penetration through the entire leaf chamber. The gasket sealing the chamber closed is comprised of closed-cell foam to prevent water and air leaks while still being able to seal completely around an entire branch.

The LC-5 conifer chamber seal is specially designed with an opening that provides for a 1 cm diameter branch to fit into the chamber while still sealing. This double-lined, 7 mm thick orange section of the seal has small slits allowing it to open up and have room for the shoot to go through the chamber.

Conifer Chamber Functions:

- Circulates air in chamber with built-in fan
- Holds the PAR sensor and IR temperature sensor
- Stabilizes the leaf environment
- Sets the leaf area
- Can be outfitted for fluorescence meter

LC-5 Specifications:

- Window size (width x length): 50 mm x 70 mm
- Window area: 35 cm²
- Diameter of chamber: 5.5 cm
- Maximum diameter of branch: 1 cm
- Maximum diameter of branch and needles: 5.5 cm

For more details please visit www.cid-inc.com

