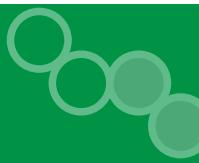


Autochamber



AC001

Technical Specifications



About the AC001 Autochamber

Forerunner's AC001 autochamber is a classic dynamic closed-chamber soil flux measurement system for use with Picarro CRDS Analyzers. The autochamber is designed for long term, unattended deployments and combines a rugged, weatherproof mechanical design with a sophisticated software for data processing and interpretation, offering a complete soil flux solution to Picarro users.

Currently available for:

Picarro G2201-i Dual Carbon (CO_2 , CH_4)
Picarro G2508 Multispecies

Hardware, Dimensions & Power

Hardware

<i>Chamber</i>	Aluminum
<i>Electrical Connectors</i>	Polyamide
<i>Gas Lines</i>	PTFE or Urethane

Dimensions

<i>Chamber Volume</i>	1798 cm^3
<i>Chamber Surface Area</i>	182.4 cm^2
<i>Collar Diameter</i>	15.24 cm
<i>Min. Collar Volume</i>	638.5 cm^3
<i>Tubing Volume (10m)</i>	158.4 cm^3
<i>Height (Fully Open, approx.)</i>	40 cm
<i>Mass (approx.)</i>	5 kg

Power Requirements

<i>Operating Voltage</i>	12 VDC
<i>Operating Power</i>	<i>In Motion: <18 W</i> <i>Idle: <3W</i>

