# Soil $CO_2$ Efflux

** Optional collars are available for the SRC-2 Soil Respiration Chamber from PP Systems International.*

## SRC-2 Soil Respiration Chamber

The popular **SRC-2 Soil Respiration Chamber** is the industry standard for rapid, accurate survey measurement of soil $CO_2$ efflux. The lightweight chamber is constructed of rugged PVC with a convenient handle for placement on the soil surface. A stainless steel ring provides a good seal on the soil surface or on collars.* A built-in temperature sensor measures air temperature near the soil surface a well as an internal fan to flush and mix the air.

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|---|---|
| **Dimensions** | 150 mm (H) x 100 mm (Dia) |
| **Volume** | 1171 ml |
| **Area** | 77.6 $cm^2$ |
| **Cable Length** | 1.5 m |
| **Weight** | 0.9 kg |

**Temperature Sensor (Precision Thermistor)**

| | |
|---|---|
| **Range** | -5 °C to 50 °C |
| **Accuracy** | ± 0.5 °C at 25 °C |

*The **SRC-2 Soil Respiration Chamber** is compatible with the CIRAS-4, CIRAS-3 and TARGAS-1 Portable Photosynthesis Systems, and the EGM-5 Portable $CO_2$ Gas Analyzer.*

**CIRAS-4** **CIRAS-3** **TARGAS-1** **EGM-5**

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