Net Canopy CO_2 Flux

** Optional collars are available for the CPY-5 Canopy Assimilation Chamber from PP Systems.*

CPY-5 Canopy Assimilation Chamber

The **CPY-5 Canopy Assimilation Chamber** is ideal for measurement of net canopy CO_2 flux on low-lying vegetation and fruit. Constructed of rugged polycarbonate, the interior of the transparent chamber includes a user-adjustable PAR (Photosynthetically Active Radiation) sensor and an air temperature sensor near the soil surface. An aluminum ring provides a good seal on the soil surface or on collars.*

Dimensions	145 mm (H) x 146 mm (Dia)	**Cable Length**	1.5 m
Area	167 cm^2	**Weight**	1.05 kg

PAR Sensor	Fully cosine corrected
Range	0 - 3000 µmol m^{-2} s^{-1}
Accuracy	± 5 µmol m^{-2} s^{-1}
Precision	1 µmol m^{-2} s^{-1}

Temperature Sensor (Precision Thermistor)

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

The CPY-5 Canopy Assimilation Chamber is compatible with the CIRAS-3, TARGAS-1 and EGM-5.

For further information, please contact us at:

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