

MCO₂ Sensor Unit



- Instant CO₂ measurements
- Mountable anywhere
- Competitive price tag
- Higher energy savings
- Reliable design



Avoid irritation and energy wastage

The conventional method of measuring the CO₂ level in a glasshouse has number of practical drawbacks. The sensors have to be serviced and calibrated regularly. The air sampling tubes often become dirty or clogged. It usually takes a considerable time before the readings are available. The MCO₂ sensor unit has none of these drawbacks!



MCO₂ Sensor Unit

The new MCO₂ sensor unit gives you all of the benefits of instant CO₂ readings without the need to replace your current sensor equipment. This inexpensive unit can be installed anywhere in your glasshouse blocks (e.g. hung among the crops or mounted to a column). The MCO₂ uses the same tried-and-tested sensor technology as the Ektron-II C. Since the MCO₂ is an aspirated sensor unit, it can quickly detect changes in CO₂ concentration. The MCO₂ also eliminates problems such as measuring delays or disruptions caused by leakages or condensation in the sampling tubes. In addition to providing faster and more accurate measurements, this advanced sensor unit requires little maintenance compared to conventional instruments.

Save money and energy

Given the CO₂ concentration is measured instantly, the CO₂ controller is sent accurate and up-to-the-moment data. This enables significant energy savings to be made, because the controller will know exactly when to start and stop CO₂ enrichment.

More information?



Sensor specifications	CO ₂ Sensor
Operating principle:	NDIR Single-Beam Dual-Wavelength
Measuring range:	0–2 000 ppm, (0 – 10,000 ppm optional)
Accuracy:	<20 ppm + 2% of the readout
Output signal:	4–20 mA



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