

# MCO<sub>2</sub> Sensor Unit



- Instant CO<sub>2</sub> measurements
- Mountable anywhere
- Competitive price tag
- Higher energy savings
- Reliable design



## Avoid irritation and energy wastage

The conventional method of measuring the CO<sub>2</sub> 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 MCO<sub>2</sub> sensor unit has none of these drawbacks!

**HortiMax**  
growing solutions



# MCO<sub>2</sub> Sensor Unit

The new MCO<sub>2</sub> sensor unit gives you all of the benefits of instant CO<sub>2</sub> 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 MCO<sub>2</sub> uses the same tried-and-tested sensor technology as the Ektron-II C. Since the MCO<sub>2</sub> is an aspirated sensor unit, it can quickly detect changes in CO<sub>2</sub> concentration. The MCO<sub>2</sub> 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 CO<sub>2</sub> concentration is measured instantly, the CO<sub>2</sub> 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 CO<sub>2</sub> enrichment.

## More information?

For more information, please contact HortiMaX directly (phone: +31 (0)15 362 03 00) or one of our dealers near you. You can also visit our website at [www.hortimax.com](http://www.hortimax.com).

Sensor specifications	CO <sub>2</sub> 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