

T-Mini

The T-Mini from the TechGrow Pro Series is a very complete and compact all-in-one CO₂ controller that is easy to operate with just one knob.

From the display you can read the current values of CO₂, temperature and relative humidity at a glance. In addition, the T-Mini registers the minimum and maximum values of CO₂, temperature and air humidity, and it controls the CO₂ dosage for an optimal CO₂ concentration in your room. The built-in fan guarantees optimal air flow, and therefore a fast and accurate measurement.

The T-Mini is equipped with an internal non-dispersive infrared sensor (NDIR) and a light sensor (LDR). The light sensor enables automatic switching between day and night mode, whereby no CO₂ is dosed during night mode. You can switch off the light sensor to enable 24/7 dosing, so that the T-Mini continuously controls the desired CO₂ level.

Features

- Adjustable from 300 to 2000 ppm.
- Built-in CO₂, temperature and humidity sensor.
- Built-in light-dependent resistor (LDR)/light sensor.
- Displays the current value and the minimum/maximum values of CO₂, temperature and humidity.
- The display shows an update every second.
- Built-in calibration function to calibrate the CO₂ sensor in fresh air or indoors.
- Built-in fan for optimal airflow. This ensures accurate and quick measurement.
- Indication LEDs for CO₂ dosing and stable climate.
- Memory in case of power failure for setpoint and hysteresis.
- The controller automatically switches between day and night mode by the built-in light sensor.
- Automatic switch-off of the backlight of the display after 60 seconds.

Technical specifications

- Power supply: 100 to 240 volts
- Consumption: 3 Watt
- Fuse: 4 ampere
- CO₂ adjustment range: 300 to 2000 ppm
- CO₂ hysteresis range +/- : 20 to 200 ppm (advice 50 ppm hysteresis)
- Measurement time: 1 measurement per second