



CO2-200

CO₂ Controller with internal CO₂ sensor



The CO2-200 carbon dioxide controller has an internal CO₂ sensor. It controls the concentration of CO₂ in a background gas from 0.5–15%. This controller offers:

- A background flow rate of 25–250mL/min
- Optional air pump (not included) for economical use (as opposed to using bottle pressurized background gas)
- In the future, multiple gas controllers of this variety can be daisy chained

SPECIFICATIONS

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| Power | 110/240V, 50/60Hz |
| Operating Temperature (ambient) | 10–50°C (50–122°F) |
| Operating Humidity (ambient) | 15–70% RH, non-condensing |
| Warm up Time | 20 minutes |
| CO ₂ Flow Meter | 6–60mL/min |
| Background Flow Meter | 20/250mL/min |
| Sensor | Non-dispersive infrared (NDIR), dual beam, 20s response time |
| Sensor range | 0–20% CO ₂ |
| Control Range | 0.5–15% |
| Control Precision | 0.1% CO ₂ |
| Control Accuracy | 0.1–3% of reading |
| Drift | <2.5% reading/year |
| Dimensions | 7.5x6.5x8" (190x155x210mm) |
| Shipping Weight | 10 lb. (4.6kg) |



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