

FC-7

Automatic O₂ / CO₂ / N₂ mixer

- Automatic O₂ / CO₂ / N₂ gas mixing and supply system.
- Uses a PID (proportional-integral-derivative) control system for precise O₂ and CO₂ concentrations.
- Produces mixed gas from 100% CO₂, 100% O₂ and 100% N₂ gas cylinders.
- Produces very low concentrations of O₂ mixed gas (0.1% ~ 20%)
- Uses fine solenoid valves.
- Has a reservoir for gas ripening.
- It is possible to regulate the concentration, program concentration gradients and record the gas concentrations over time using CCP ver 3.6 software or MetaMorph software.



Specifications

| | | |
|----------------|-----------------|------------------------------|
| Sensor | O ₂ | HS-1 O ₂ sensor |
| | CO ₂ | NDIR CO ₂ sensor |
| Control range | O ₂ | 0.1 ~ 20 % |
| | CO ₂ | 1 ~ 20 % |
| | N ₂ | Max 200 ml/min |
| Control method | O ₂ | PID, solenoid valve |
| | CO ₂ | PID, solenoid valve |
| | N ₂ | Analogue flow meter (or MFC) |

Model No.

FC-R-30

Product

FC-7 (Automatic O₂/CO₂/N₂ mixer)