MCO-50M-PA
1.8 cu.ft. (50 L)

MCO-170MP-PA
5.7 cu.ft.a (161 L)

Your Partner in IVF Excellence

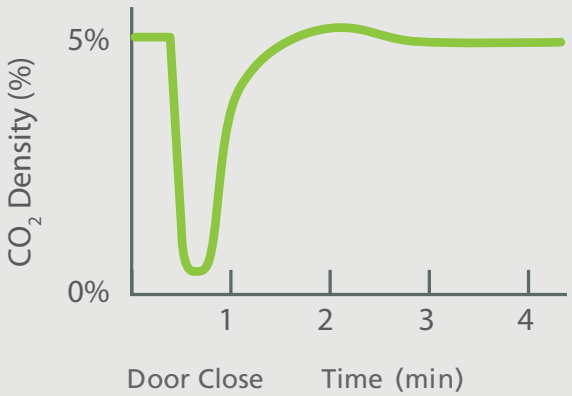
Successful assisted reproduction (AR) starts with the embryo culture environment. We understand that when it comes to *in vitro* fertilization (IVF), precision, reliability, and stability are paramount.

Our state-of-the-art incubators are designed to mimic the *in vivo* environment required for embryonic growth with precise CO_2/O_2 control. These units can provide the peace of mind you need to focus on what matters most: helping build families.

The Embryo Culture System

Temperature Stability / Uniformity:

A stable, uniform temperature is maintained by the microprocessor controlled direct heat and air jacket system.



Quick CO_2/O_2 Recovery Time:

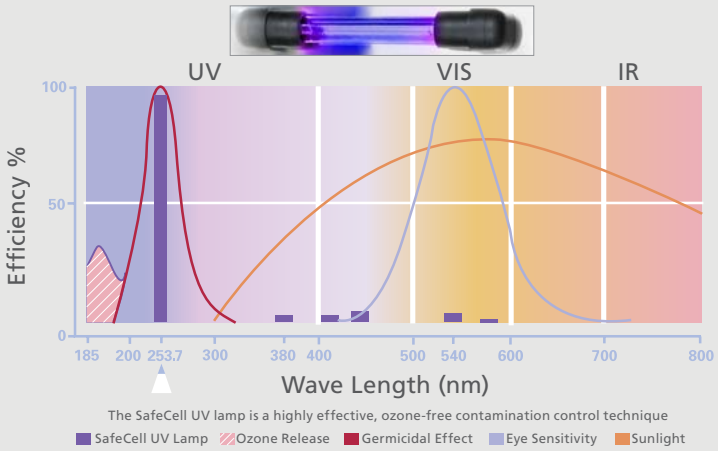
CO_2 and O_2 are quickly restored to setpoints after door openings, while relative humidity returns to an elevated state.

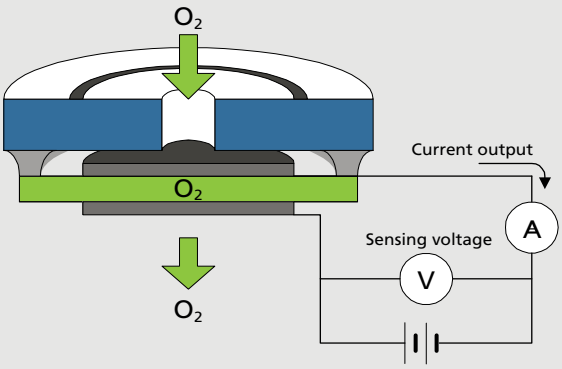
Ensuring Optimal Growth

Contamination Control

Exclusive inCu-saFe® alloy interior provides the germicidal properties of copper with the corrosion resistance of stainless steel. Optional SafeCell™ UV light provides an added layer of contamination control, safely destroying contaminants at the humidification source from behind a plenum wall.

Optional high-speed H_2O_2 vapor decontamination cycle utilizes a combination of vaporized hydrogen peroxide and UV light to permeate and safely clean the chamber in less than 3 hours.





The O_2 molecules diffuse through the Zirconia layer in the sensor, causing a voltage build-up. The voltage then creates an electrical current flow which is detected by the sensing circuit in the incubator.

Precision CO_2 and O_2 Sensors:

Precision CO_2 and O_2 sensors maintain setpoint to within 0.2% or better. Dual infrared CO_2 sensors continuously calibrate for control and accuracy. The solid-state Zirconia sensor delivers a long-term precise and accurate oxygen control range of 1% to 18% and 22% to 80% without periodic calibration.

Color LCD Touchscreen Display

The high contrast color LCD display allows for easy, touchscreen use even with gloved hands. The control panel interface allows for easy programming of temperature, CO_2, O_2 and other internal conditions of your incubator.

Contact your local PHCbi brand representative today to learn more about how multigas incubators can help you in your IVF embryo culture efforts.