



# Model 2000 Incubator

The Model 2000 Incubator has been engineered for all COY Vinyl Anaerobic Chambers to maximize Incubation capacity while providing ample work space. The convenient sliding drawers allow you stack multiple plates for incubation and easily access them as needed.

## DETAILED DESCRIPTION

In many applications the physical configuration of an incubator becomes an important factor. While an incubator shaped like a cube with a swing-out door is often the more economical design to manufacture, this design requires the largest amount of shelf or bench space for a given volume as well as a great deal of unusable space in front of the incubator for door clearance.

The Coy incubator is designed to use a minimum of work space, and its sliding door requires no wasted work space for door clearance.

The digital readout serves two important functions, first to indicate the actual incubator temperature, and second to allow the operator to set the desired temperature set-point. Solid state electronics starting with a semiconductor temperature transducer, and ending with a proportionally phase controlled Triac, monitor and regulate temperature and heater output.



## Features

**FORCED AIR CIRCULATION** is drawn by a quiet, yet powerful fan, horizontally across the inside face of the sliding door panels as well as from around the outer shell of the incubator. The air then passes over the temperature monitor and finally over multiple heating units before returning to the incubator interior.



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**100% SOLID STATE ELECTRONICS** monitor and control the proportional heat output. The standard unit can be set from 26-43° C. Higher ranges, up to 65 °C, are available upon request. Maximum temperature differential is better than +/- 1° C.

**100% ABS PLASTIC** with liner is both light weight, durable, and easy to clean. All electronic controls are protected against accidental liquid spills within incubator and are coated to resist corrosion primarily due to hydrogen sulfide contamination.

## BRIGHT LED DIGITAL DISPLAY

<i>Size:</i>	69cm (H) x 91cm (W) x 29cm (D); (27" x 36" x 11.5")
<i>Weight:</i>	15Kg. (35 lb.)
<i>Power Requirements:</i>	100-130 volts 50/60 Hz., 500 watts (Also available for 200-260 volt)
<i>Total Interior Volume:</i>	70.8 liters (2.5 cu. ft.)
<i>Temperature Range:</i>	Ambient - 40° C or Optional High Range to 65° C
<i>Maximum Temperature Differential:</i>	+/-1° C
<i>Capacity:</i>	355 x 100 mm Petri Dishes



- **Sliding Doors save precious space on the interior**

Part #	Description	Power
6100002	Incubator, Model 2000, High Temperature Range (up to 65 C)	110v
6100003	Incubator, Model 2000, High Temperature Range (up to 65 C)	220v
6100000	Incubator, Model 2000, Low Temperature Range (up to 40 C)	110v
6100220	Incubator, Model 2000, Low Temperature Range (up to 40 C)	220v