

DIURNAL CONTROL INCUBATOR (+15°C lights on / +10°C lights off to +40°C)

LABEC Refrigerated Incubators with internal lights are manufactured in Australia featuring laboratory white finish and white plastic molded interior for high reflectivity and an easy to clean interior. Suitable for applications such as plant germination and culture growth or where refrigeration, heating and diurnal control is required.

Fan forced for temperature uniformity and rapid temperature recovery a digital microprocessor based PID temperature controller controls the temperature within the range +10°C Lights OFF / +15°C Lights ON to +40°C and has Diurnal control with a Day/Night simulation feature.

When optioned the controller can be connected via RS232/RS458 communication ports which can be connected directly to a data logger or computer to collect this information. Software is available for programming and monitoring.

Available in sizes ranging from 140 litres capacity to 500 litres capacity.

To suit your functionality the addition of options such as programmable controllers, timers and cable access ports are also available.



OTHER STANDARD FEATURES INCLUDE:

- RCD/ ELB (earth leakage breaker)
- Over Temperature Thermostat
- Stainless Steel exterior
- Adjustable/removable shelving



Serving the Scientific, Medical and Research industries since 1945

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SPECIFICATIONS

DIURNAL CONTROL INCUBATOR (+15°C lights on / +10°C lights off to +40°C)

Model	ICCBOD140	ICCBOD300	ICCBOD500
Capacity (litres)	140	370	450
Int. Dim. (cm) H x W x D	70 x 44 x 40	120 x 50 x 50	150 x 50 x 50
Ext. Dim. (cm) H x W x D	90 x 54 x 54	160 x 64 x 70	180 x 64 x 70
Temp. Controller	Digital PID Controller		
Temp. Min	10°C Lights OFF/ 15°C Lights ON		
Temp. Max	40°C		
Temp. Setting Accuracy	0.1°C		
Temp. Fluctuation	+/- 0.2°C		
Temp. Sensor	Pt 100 ohms		
Heating System	Electric Element		
Refrigerant	R134a (CFC Free)		
Interior Material	Moulded Plastic Liner		
Exterior Material	Powder Coated Steel		
Options	Cable entry port, additional shelves, programmable controller, timer		
Safety Features	Overtemperature alarm, temperature protection cut off, earth leakage breaker (ELB)		
Shelves	3	4	5
Standard Wall Lighting	2 x 15Watt	2 x 30Watt	
Power Supply	240V / 50Hz		
Power (W)	250	850	900
Weight (kg)	49	75	85

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