

# General Purpose Oven

Non Fan Forced (Ambient +5°C to 200°C)

**LABEC General Purpose Non Fan Forced Oven** is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. Suitable for applications where general warming, drying or heating is required.



PID Control display system

**Controller** – A digital microprocessor based PID temperature controller controls the temperature within the range ambient +5°C to 200°C, temperature fluctuation at 105°C is  $\pm 1^\circ\text{C}$ .

## Data logging

When optioned the controller can be connected via RS232/RS485 communication ports which can be connected directly to a data logger or computer to collect this information. Software is available for programming and monitoring.

## Additional options

To suit your requirements the addition of options such as a safety toughened glass viewing window, programmable controllers, timers and cable access ports are also available.



Model ODW14



Model shown with glass viewing window option.

## Standard features include:

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

Serving the Scientific, Medical and Research industries since 1945

**LABEC**



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## SPECIFICATIONS

# General Purpose Oven

Non Fan Forced (Ambient +5°C to 200°C)

Model	ODW10	ODW14	ODW18	ODW24	ODW36	ODW50
Capacity (L)	16	32	66	160	300	507
Int. Dim. (cm) HxWxD	25 x 25 x 25	35 x 30 x 30	46 x 38 x 38	60 x 50 x 50	90 x 60 x 50	120 x 65 x 65
Ext. Dim. (cm) HxWxD	63 x 38 x 47	73 x 42 x 50	80 x 49 x 58	97 x 63 x 72	128 x 74 x 72	161 x 76 x 83
Temp. Controller	Digital PID Controller					
Temp. Min	Ambient+5°C					
Temp. Max	200°C					
Temp. Setting Accuracy	+/-0.1°C					
Temp. Fluctuation	+/-0.2°C					
Temp. Sensor	Type K					
Heating System	Electric Element					
Interior Material	Stainless Steel					
Exterior Material	Stainless Steel					
Shelves	2					3
Options	Glass viewing window, castors, cable entry port, additional shelves, timer, programmable temperature profiler, fan - soil drying option					
Safety Features	Over temperature alarm temperature protection cut off, Earth leakage breaker (ELB)					
Power Supply	240V/50Hz					
Power (W)	500	900	900	1200	2400	3000
Weight (kg)	20	25	35	45	55	80

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