

General Purpose Oven

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

Serving the Scientific, Medical and Research industries since 1945

LABEC

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.

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Laboratory Equipment Pty Ltd

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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	40 x 35 x 43	65 x 38 x 48	70 x 47 x 56	90 x 60 x 69	125 x 72 x 70	157 x 73 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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