

# High Performance Oven

Fan Forced (Ambient +5°C to 300°C)

**LABEC Performer High Temperature Fan Forced Oven** is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability.

Using a unique triple walled stainless steel interior jacket heating system with elements inside the walls provides excellent temperature uniformity whilst the fan forced convection heating circulates the warm air inside the chamber providing improved uniformity and recovery after door opened.



Model OTWMHD36



PID Control display system

**Controller** – A digital microprocessor based PID temperature controller controls the temperature within the range ambient +5°C to 300°C, temperature fluctuation is  $\pm 0.5^\circ\text{C}$ .

#### Standard features include:

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



#### 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.

Serving the Scientific, Medical and Research industries since 1945

LABEC



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## SPECIFICATIONS

# High Performance Oven

Fan Forced (Ambient +5°C to 300°C)

Model	OTWMHD14	OTWMHD18	OTWMHD24	OTWMHD36	OTWMHD48	OTWMHD50
Capacity (Litres)	32	66	160	300	375	507
Int. Dim. (cm) H x W x D	35 x 30 x 30	46 x 38 x 38	60 x 50 x 50	90 x 60 x 50	120 x 60 x 50	120 x 65 x 65
Ext. Dim. (cm) H x W x D	73 x 42 x 55	83 x 58 x 66	102 x 69 x 75	135 x 80 x 80	160 x 80 x 80	160 x 85 x 85
Temp. Controller	Digital PID Controller					
Temp. Min	Ambient +5°C					
Temp. Max	300°C					
Temp. Setting Accuracy	+/- 0.1°C					
Temp. Fluctuation	+/-0.5°C					
Temp. Sensor	Type K					
Heating System	Electric Element					
Interior Material	Stainless Steel					
Exterior Material	Stainless Steel					
Shelves	2					3
Options	Glass or acrylic viewing windows, castors, cable entry port, additional shelves, timer, programmable temperature profiler, communications port.					
Power Supply	240V/50Hz					
Power (W)	1500	1800	2400	3000	3600	4000
Weight (kg)	45	60	75	90	105	115

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