

HIGH TEMPERATURE OVEN

NON FAN FORCED (+400°C) (+500°C) (+600°C)

LABEC Performer High Temperature Ovens

are manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. Using a unique triple walled stainless steel interior with direct heating system available in temperature ranges to +400°C, +500°C and +600°C.

The high grade +1200°C insulation on all surfaces keeps the exterior cool whilst at maximum operating temperature. Available in gravity convection or fan forced. A digital microprocessor based PID temperature controller controls the temperature within the range ambient +5°C to +400°C, +500°C or +600°C, temperature fluctuation is +/- 0.5°C 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.

To suit your functionality the following options are available: viewing window, programmable controllers, timers and cable access ports. Fan is optional.



OTHER STANDARD FEATURES INCLUDE:

- Over temperature thermostat
- RCD/ ELB (earth leakage breaker)
- Type K Thermocouple
- Stainless steel exterior



Serving the Scientific, Medical and Research industries since 1945

LABEC



Laboratory Equipment Pty Ltd

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SPECIFICATIONS

HIGH TEMPERATURE OVEN NON FAN FORCED (+200°C) (+300°C) (+400°C)

Model	OHT400-14	OHT400-18	OHT400-24	OHT500-14	OHT500-18	OHT500-24	OHT600-24F
Capacity(L)	32	66	160	32	66	160	160
Int. Dim. (cm) H x W x D	35 x 30 x 30	46 x 38 x 38	61 x 51 x 51	35 x 30 x 30	46 x 38 x 38	60 x 50 x 50	50 x 60 x 50
Ext. Dim. (cm) H x W x D	75 x 50 x 62	88 x 60 x 63	108 x 73 x 82	75 x 50 x 62	88 x 60 x 63	108 x 73 x 82	FAN FORCED
Temp. Controller	Digital PID Controller						
Temp. Min	Ambient+5°C						
Temp. Settling 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						
Temp. Max	400°C	400°C	400°C	500°C	500°C	500°C	600°C
Shelves	2						
Options	Glass or acrylic viewing window, castors, cable entry port, additional shelves, timer, programmable temperature profiler, communications port, fan forced for increased temperature uniformity.						
Power Supply	240V/50Hz						
Power (W)	2400	3600	4000	2400	3600	4000	9000
Weight (kg)	60	75	90	62	77	92	138

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