

LARGE CAPACITY FAN FORCED OVEN (+200°C)

LABEC Large Capacity Fan Forced Oven

is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. Suitable for general purpose laboratory or industrial use.

The elements are located in the chamber behind a false wall which allows the warm air to be pushed across the chamber horizontally and vertically. This removes moisture very quickly from the product as fresh air is pushed through the chamber, the fan forced convection heating provides improved uniformity and fast recovery after the door has been opened.

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 +/- 3°C, 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.

To suit your functionality the addition of options such as a safety toughened glass viewing window, add on for soil drying/moisture removal, 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
- Type K Thermocouple
- Adjustable/removable shelving



Serving the Scientific, Medical and Research industries since 1945

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Laboratory Equipment Pty Ltd

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SPECIFICATIONS

LARGE CAPACITY FAN FORCED OVEN (+200°C)

| Model | ODWM100 | ODWM200 |
|--------------------------|--|-------------------------------------|
| Capacity (litres) | 1000 | 2000 |
| Int. Dim. (cm) H x W x D | 100 x 100 x 100 | 180 x 110 x 100 |
| Ext. Dim. (cm) H x W x D | 120 x 110 x 115 | 210 x 125 x 115 |
| Temp. Controller | Digital PID Controller | |
| Temp. Min | Ambient+5°C | |
| Temp. Max | 200°C | |
| Temp. Setting Accuracy | 0.1°C | |
| Temp. Fluctuation | +/-1°C | |
| Temp. Sensor | Type K Sensor | |
| Heating System | Electric Element | |
| Interior Material | Stainless Steel | |
| Exterior Material | Stainless Steel | |
| Shelves | 5 | |
| Options | Glass or acrylic viewing window, castors, cable entry port, additional shelves, timer, programmable temperature profiler, soil drying/fume extraction feature. | |
| Safety Features | Over temperature alarm, temperature protection cut off, earth leakage breaker (ELB) | |
| Power Supply | 240V / 50hz | |
| Power (W) | 6000W / 25AMPS | 9000W / Three Phase Power + neutral |
| Weight (kg) | 160 | 250 |

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