

TLD Rapid Cooling High Temperature Ovens

Standard features

- ✓ 400°C maximum operating temperature.
- ✓ 3508P1 Programmable controller providing automatic activation of the cooling blower.
- ✓ Overtemperature protection with digital set & display.
- ✓ Horizontal forced air circulation from rear mounted fan.
- ✓ Excellent performance & reliability.
- ✓ Door locks easily operated whilst wearing gloves.
- ✓ Stainless steel liner.
- ✓ Steel section construction.
- ✓ Stainless steel mesh shelves.



TLD/3

Ideal for applications such as tempering, glass annealing, preheating and stress relieving these small scale industrial ovens are able to operate efficiently up to 400°C.

These ovens are frequently used for annealing thermo-luminescent dosimeters.

Options

specify these at time of order

- ✦ Independent over-temperature protection with digital set & display.
- ✦ Digital process timer.
- ✦ Programmable controller.
- ✦ Additional shelves.
- ✦ Stoving & curing kit to extract volatile fumes.
- ✦ Chart recorders & paper free digital acquisition (DAQ) devices (externally mounted for the TLD/3).

Model	Max temp (°C)	Temp stability (°C)	Temp uniformity (°C)	Heat-up time to max (mins)	Heating/cooling rate (°C/min) [†]	Dimensions		Shelves fitted/accepted	Shelves loading Each/total (kg)	Volume (litres)	W't (kg)	Max power (W)	Power supply
						Internal H x W x D (mm)	External H x W x D (mm)						
TLD/3	400	±1	±5.0	60	4	150 x 150 x 100	530 x 370 x 500	2 / 2	—	28	26	1000	Single phase
TLD/28	400	±1	±5.0	60	8	305 x 305 x 305	880 x 675 x 885	3 / 4	10 20	28	62	1000	Single phase



Minimum operating temperature 50°C.

Uniformity values are measured in an empty chamber with vents closed after a period of stabilisation.

Shelf loadings are based on evenly distributed weight.

[†] Based upon cooling an empty chamber



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.