

## 200°C Laboratory Ovens

The DHG series from TMS Europe are a range of precision electric laboratory ovens. They are designed for low temperature thermal treatment such as drying, heating and thermal testing in an air-flow assisted environment.

Forced air convection is used to provide more effective drying and quicker heating, as well as improved temperature uniformity throughout the chamber. With a temperature range of 10°C above ambient to 200°C, the precision temperature control system provides excellent stability and uniformity with virtually no over-shoot.

The ¼ DIN size digital PID temperature controller display the current temperature and set-point. It includes a simple timer, which can be used to hold the temperature at the set-point for a period before sounding a buzzer and cooling at its natural rate. An over-temperature protection alarm is built into the controller, if the process temperature is more than 20°C above the set-point, it will disable the heating until the difference drops back below 20°C. A control knob selects internal or external air circulation (or a mixture as desired).



- Stainless steel chamber lining
- Excellent stability and uniformity
- Glass Observation Window

Our ovens are available with optional UKAS (ISO17025) calibration of the temperature controller and temperature sensor as a system or also with a thermal survey of the chamber volume.

<b>Model</b> <i>TMS Stock Code</i>	<b>Capacity</b> (Approximate)	<b>Chamber Size*</b> <b>External Size*</b>	<b>Shelf Size / Number</b>	<b>Power</b>
<b>DHG-9023</b> <i>FCETRIDHG9023</i>	23L	340 x 320 x 320 mm 590 x 560 x 450 mm	295 x 282 mm 2	1kW
<b>DHG-9070</b> <i>FCETRIDHG9070</i>	70L	400 x 350 x 500 mm 550 x 680 x 810 mm	370 x 325 mm 2	1.5kW
<b>DHG-9240</b> <i>FCETRIDHG9240</i>	240L	500 x 600 x 750 mm 650 x 900 x 1050 mm	460 x 532 mm 2	2.3kW
<b>DHG-9620</b> <i>FCETRIDHG9620</i>	620L	800 x 600 x 1300 mm 1020 x 940 x 1700 mm	760 x 550 mm 3	5.2kW

**Supply Voltage:** 240Vac 50Hz (single phase).

**Power Connector:** BS1363 (UK) Plug via IEC C14 connector on DHG-9023, DHG-9070, DHG-9240.  
IEC60309 (Round Blue) 32A P+N+E Plug on DHG-9620.



TMS Europe Ltd is a UKAS accredited calibration laboratory No. 0461. We are accredited for calibration on site and in our laboratory.

\* WxDxH. Note: Chamber size is full extents of the volume of the chamber, not all of this space can be used due to internal structure, available shelf positions, etc. A minimum gap of 5% of the internal dimension must be between each wall of the chamber and the user's load.

Appearance may vary from image shown. Specification is subject to change without notice. All trade marks acknowledged.