

LM standard furnace

► General Information

The LM laboratory chamber furnace range of general purpose furnace is supplied in four sizes, each available with max operating temperature either 900°C or 1200°C.

► Standard Features

- ✓ 900°C or 1200°C maximum operating temperature.
- ✓ 1.5, 5, 7.9, 18.5 liter chamber volumes.
- ✓ Eurotherm make PID controller with single ramp to set point.
- ✓ Side way sliding door keeps heated surface away from the users.
- ✓ Energy efficient low thermal mass insulation
- ✓ Easy access to element & controls simplifies maintenance & servicing.
- ✓ Kanthal A1 heating element for optimum uniformity.



► Optional (specify these at time of order)

- ✓ Over temperature protection (recommended to protect valuable contents & for unattended operation)
- ✓ A range of sophisticated digital controllers, multi-segments programmers and data loggers is available. These can be fitted with RS-232 or RS-485.

► Technical Data

Model	Max. temp(°C)	Heat continuous operating temp(°C)	Dimension internal HxWxD (mm)	Dimension external HxWxD (mm)	Volume (Liters)	Max power (kW)	T/C type	Weight (kg)	Heating element
LM 900	900	900	250x125x125	350x550x550	5	2	N	35	Kanthal A1
LM 112	1200	1200	100x100x100	225x290x340	1.5	2	R	20	Kanthal A1
LM 312	1200	1200	95x175x300	350x550x550	5	2.8	R	38	Kanthal A1
LM 412	1200	1200	150x175x320	400x550x550	7.9	3.2	R	40	Kanthal A1
LM 512	1200	1200	230x200x400	580x700x690	18.5	8	R	80	Kanthal A1