



MLF SERIES OVENS

**Production of
Custom Sizes and
Features*

The MLF series Oven for drying, heating, baking, heat treatment and stability testing applications. They have a coherent temperature distribution and are used for a wide range of different tests in many fields with the ability to dry quickly and evenly for long periods even at high temperatures;



Basic Research/
Research
Institutes



Clinics/
Universities



Biotechnology



R&D - Product
Development
Laboratories



Concrete
Industry



Plastics Industry



Electronics Industry



Semiconductor
Industry

POWERFUL DESIGN

- Temperature operating range: Ambient temperature +5°C / 250°C (READ 0 - 300 C),
- Ideal design for dry air sterilisation, drying and heating processes,
- Stainless steel cell resistant to many chemicals and easy to clean,
- Excellent temperature distribution and stability with triple insulation, electrostatic powder coated exterior and optional stainless steel housing,
- Homogenous temperature distribution provided by air circulation (fan) or natural air circulation,
- Low heat loss thanks to the compression door that closes tightly and fully presses the silicone gasket.



EQUIPPED SYSTEM

- Microprocessor control system,
- Snooze feature,
- Liquid crystal display (LCD) for temperature and time, easy-to-use control panel,
- Temperature control with SSR (Solid State Role),
- Safety thermostat (50 - 300 °C), programmable alarm limit values for temperature,
- Optional door lock and door open alarm warning system.

	MLF-55	MLF-120	MLF-250
TEMPERATURE OPERATING RANGE	Ambient Temperature +5 °C / 250 °C		
TEMPERATURE SENSOR	PT 100		
CONTROL SYSTEM	PID & MP		
TIMER	1 Min. - 99.59 + Hour indefinite operation		
TIME TO POSTPONE	1 MINUTE . - 99.59		
USABLE VOLUME	55	120	250
SHELF	2-7	2-7	2-10
SAFETY THERMOSTAT	Gas Expansion Thermostat (50 °C - 300 °C)		
	Safety and Security Thermostat that can be adjusted from outside the device in case of failure of the control thermostat		
POWER VALUES	220-230 V, 50 HZ.		
INTERIOR SURFACE STRUCTURE	Stainless Steel		
HEATING POWER	750 W	1500 W	2500 W
EXTERNAL SURFACE STRUCTURE	Electrostatic Powder Coated Steel Against Rust		
INTERIOR DIMENSIONS (EXBXD) mm	470x435x365	565x540x490	570x1015x500
OUTER DIMENSIONS (EXBXD) mm	620x750x525	720x850x655	720x1380x790
NET WEIGHT (kg.)	43	55	112
PACKED WEIGHT (kg.)	48	60	115

**You can get information for your specific requests.*

OPTIONAL REQUESTS

- Production in Special Dimensions and Specifications (Dimension/Software/Programme).
- 4.3 / 5.5 and 7.2 Inch Screen Options.
- Data control via computer via RS 232 or USB connection.
- 300 °C / 400 °C / 500 °C Temperature Options.
- Door lock and door open alarm warning system.
- Access via GSM module.