



## MLF SERIES DRYING OVENS

*\*Production of  
Custom Sizes and  
Features*

MLF series Drying Ovens have been developed for drying, heating, baking, heat treatment and stability testing applications. They have a coherent temperature distribution and are used for different tests in many fields with the ability to dry quickly and evenly for a long time 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 (Reading 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-500	MLF-800	MLF-1000
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 Min. - 99.59 Saat		
USABLE VOLUME	500	800	1000
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	380 V, 50 Hz. 3 Faz.		
INSTALLED POWER	3000 W	4000 W	6000 W
INTERIOR SURFACE STRUCTURE	Stainless Steel		
EXTERNAL SURFACE STRUCTURE	Electrostatic Powder Coated Steel Against Rust		
INTERIOR DIMENSIONS (EXDXY) mm	670x1135x670	900x1500x580	1200x1500x600
OUTER DIMENSIONS (EXDXY) mm	820x1500x910	1050x1860x870	1350x1780x870
NET WEIGHT (kg.)	155	230	290
PACKED WEIGHT (kg.)	160	235	295

*\*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,
- Internal Memory (125 Days),
- 300 °C /400 °C /500 °C Temperature Options,
- Data control via computer via RS 232 or USB connection,
- Door lock and door open alarm warning system.