

## LABORATORY SCALE FURNACES

### CHAMBER FURNACE

As the name suggests, chamber furnaces have an internal usage area in the form of a rectangular prism. MSE chamber furnaces provide usable at a wide temperature range in order to enable use to perform melting, thermal ageing, metal heat treatment, sintering, burning, tempering, normalizing, stress relieving, chemical decomposition and so on.

- T<sub>max</sub>. 1800°C
  - Programmable step controller via digital display
  - Auto power cut when lid is open
  - Temperature control via PID and  $\pm 1^\circ\text{C}$  temperature display sensitivity
  - Observation of set and real temperature
  - Temperature measurement via thermocouple
  - Delayed start and program save feature
  - System protection for over temperature, audio visual warning alarm
  - Error display in case a breakdown
  - Heating on both sides\*\*
  - Exhaust gas outlet connected to inner volume
  - High-quality fiber and brick insulated heat zone
  - Low external surface temperature ( Ambient + 40°C ) thanks to double-layers steel construction
  - Epoxy painted galvanized-steel exterior
  - Able to resume the program after the power failure
  - Height adjustable, non-slip rubber feet
- Optional features: protective gas input



# LABORATORY SCALE FURNACES

## CHAMBER FURNACE SERIES

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1100_5	1100	5	170	170	175
M_1100_8	1100	8	200	200	200
M_1100_12	1100	12	200	200	300
M_1100_36	1100	36	300	300	400
M_1100_45	1100	45	360	310	410
M_1100_*	1100	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1200_5	1200	5	170	170	175
M_1200_8	1200	8	200	200	200
M_1200_12	1200	12	200	200	300
M_1200_15	1200	15	200	250	300
M_1200_18	1200	18	250	250	300
M_1200_25	1200	25	250	250	400
M_1200_30	1200	30	300	250	400
M_1200_36	1200	36	300	300	400
M_1200_45	1200	45	360	310	410
M_1200_*	1200	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1300_5	1300	5	170	170	175
M_1300_8	1300	8	200	200	200
M_1300_12	1300	12	200	200	300
M_1300_36	1300	36	300	300	400
M_1300_45	1300	45	360	310	410
M_1300_*	1300	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1400_5	1400	5	170	170	175
M_1400_8	1400	8	200	200	200
M_1400_12	1400	12	200	200	300
M_1400_25	1400	25	250	250	400
M_1400_36	1400	36	300	300	400
M_1400_*	1400	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1500_5	1500	5	170	170	175
M_1500_8	1500	8	200	200	200
M_1500_12	1500	12	200	200	300
M_1500_36	1500	36	300	300	400
M_1500_*	1500	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1600_4	1600	4	140	175	165
M_1600_5	1600	5	170	175	170
M_1600_8	1600	8	200	200	200
M_1600_12	1600	12	200	200	300
M_1600_25	1600	25	250	250	400
M_1600_36	1600	36	300	250	450
M_1600_*	1600	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1750_4	1750	4	150	165	165
M_1750_5	1750	5	170	170	175
M_1750_8	1750	8	200	200	200
M_1750_12	1750	12	200	200	300
M_1750_25	1750	25	250	250	400
M_1750_*	1750	*	*	*	*

\*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
M_1800_5	1800	5	170	170	175
M_1800_8	1800	8	200	200	200
M_1800_12	1800	12	200	200	300
M_1800_*	1800	*	*	*	*

\*Produced on demand by the customer.

