Anexa 9 Lot 9. Cuptor cu muflă diapazon de temperatură 0-1000° grade

Parametri ceruti	Parametri oferiti
Tmax, grade C - 1100;	Tmax, grade C - 1200;
Programare digitală a temperaturii si timpului	Programare digitală a temperaturii si timpului
Domeniul de reglare automate a temperaturei de	Domeniul de reglare automate a temperaturei de
la +150 pînă la min +1100 °C,	la +150 pînă la min +1150 °C,
incalzire din 4 parti.	incalzire din 4 parti.
Materialul camerei de ardere si a usii din	Materialul camerei de ardere si a usii din
ceramica.	ceramica.
volumul minim 7,2 Litri	volumul minim 7 Litri
Dimensiuni camera mm, (190-210 x 290-310 x	Dimensiuni camera mm, (200x250x140)
140-100)	
Dimensiuni totale mm, (440-550 x 580-600 x	Dimensiuni totale mm, (550x580x650)
520-650)	
Putere min, kW - 3,0	Putere min. kW - 2.0
Tensiune, V - 230	Tensiune, V - 230
Manualul de utilizare tradus în limba română/rusa.	Manualul de utilizare tradus în limba română/rusa.
Instalare și instruirea personalului la sediul	Instalare și instruirea personalului la sediul
destinatarului final. Perioada de garanție min 1 an	destinatarului final. Perioada de garanție min 1 an
din momentul instalării echipamentului Buletin de	din momentul instalării echipamentului Buletin de
verificare metrologică	verificare metrologică



Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Türkiye

Laboratuvar ve Sterilizasyon Cihazları Tasarımı, Üretimi, Satış ve Satış Sonrası Hizmetleri

kapsamında

ISO 9001:2015

Uluslararası kalite sistem standardına uygun bir kalite yönetim sistem kurmuştur.

"Standardın aşağıda verilen maddeleri hariç tutulmuştur" "Hariç tutma yoktur"

Sertifika No	: M 8215
İlk Belgelendirme Tarihi	: 28 Nisan 2010
Sertifika Tarihi	: 11 Mart 2022
Son Geçerlilik Tarihi	: 10 Mart 2025

Genel Müdür



Sertifika Son Güncelleme Tarihi : 11 Mart 2022 - R 06

Kiwa Belgelendirme Hizmetleri A.Ş. İTOSB 9. Cadde No: 15 Tepeören Tuzla İstanbul / Türkiye

Tel: + 90 216 593 25 75 Faks: + 90 216 593 25 74 info@kiwa.com.tr www.kiwa.com.tr

Sertifikalar periyodik ara denetimlerin başarılı ile tamamlanması kaydıyla geçerlidir. Detaylı bilgi için yukarıdaki numaralara başvurulabilir.



Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Turkey

Design, Manufacture, Sales And After Sales Services Of Laboratory And Sterilization Equipments

with a scope of

ISO 9001:2015

Has established a quality management system in accordance with international standard.

" Following elements of the standard are excluded " "None"

Certificate No	: M 8215
Initial Certification Date	: 28 April 2010
Certification Date	: 11 March 2022
Expiration Date	: 10 March 2025

General Manager



Last Modified : 11 March 2022 - R 06

Kiwa Belgelendirme Hizmetleri A.Ş. ITOSB 9. Cadde No. 15 Tepeören Tuzla Istanbul / Turkey

Tel: + 90 216 593 25 75 Faks: + 90 216 593 25 74 info@kiwa.com.tr www.kiwa.com.tr

Certificate is valid till expiration date, subject to successful completion of periodical surveillance audits. Please contact above numbers for detailed information.



Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Türkiye

Laboratuvar ve Sterilizasyon Cihazları Tasarımı, Üretimi, Satış ve Satış Sonrası Hizmetleri

kapsamında

EN ISO 13485:2016

Uluslararası Tıbbi Cihazlar Kalite Yönetim Sistemi Standardına uygun bir yönetim sistemi kurmuştur.

"Standardın aşağıda verilen maddeleri hariç tutulmuştur" "7.5.5" "7.5.7" "7.5.9.2"

Sertifika No	: M 8216
İlk Belgelendirme Tarihi	: 28 Nisan 2010
Sertifika Tarihi	: 11 Mart 2022
Son Geçerlilik Tarihi	: 10 Mart 2025

Genel Müdür



Sertifika Son Güncelleme Tarihi : 11 Mart 2022 - R 05

Kiwa Belgelendirme Hizmetleri A.Ş. İTOSB 9. Cadde No: 15 Tepeören Tuzla İstanbul / Türkiye

Tel: + 90 216 593 25 75 Faks: + 90 216 593 25 74 info@kiwa.com.tr www.kiwa.com.tr

Sertifikalar periyodik ara denetimlerin başarılı ile tamamlanması kaydıyla geçerlidir. Detaylı bilgi için yukarıdaki numaralara başvurulabilir.



Saracalar Mahallesi Saracalar Kümeevleri No:4/2 Akyurt Ankara, Turkey

Design, Manufacture, Sales And After Sales Services Of Laboratory And Sterilization Equipments

with a scope of

EN ISO 13485:2016

Has established a management system in accordance with international Medical Devices Quality Management System Standard *"Following elements of the standard are excluded"*

"7.5.5" "7.5.7" "7.5.9.2"

Certificate No	: M 8216
Initial Certification Date	: 28 April 2010
Certification Date	: 11 March 2022
Expiration Date	: 10 March 2025

General Manager



Last Modified : 11 March 2022 - R 05

Kiwa Belgelendirme Hizmetleri A.Ş. ITOSB 9. Cadde No. 15 Tepeören Tuzla Istanbul / Turkey

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Certificate is valid till expiration date, subject to successful completion of periodical surveillance audits. Please contact above numbers for detailed information.



Muffle Furnace

MF Series General Purpose Furnaces have maximum operating temperatures of 1100°C, 1200°C and 1300°C and can be used for a wide range of applications in many different sectors such as metal, ceramic and food industry, jewelry and dentistry. Their perfect design is ideal for;

- Ashing organic and inorganic samples
- Firing and sintering of ceramics, stoneware and porcelain
- Melting, annealing, hardening, tempering, stress relieving and heat treatments of ferrous and non-ferrous metals
- Thermal aging
- Chemical decomposition
- Thermal shock testing
- High temperature tests of components or fishing products

The chamber of MF Series Furnaces is made of vacuumed fiber board and refactory bricks. Refactory bricks are used for the bottom of the chamber and at the front of the chamber since those surfaces are subjected to more chemical and mechanical effects. Heating elements are coiled around the ceramic tubes and placed on the two sides of the chamber to ensure very good temperature uniformity and fast heating. Another avantage is the assembly system of the heaters which is very easy and economic to replace of the heaters in case of the failure.

By means of the high grade insulation made of fiber board, very good temperature homogeneity is obtained in the chamber. In addition to the insulation, double enveloped design with air gap between insulated chamber and the outer body keeps the outer body at low temperatures.

Counter balanced lid is opened upwards and keeps the hot surface of the lid away from the operator for safe and easy loading and unloading. As another safety feature, there is a switch which cuts off the power of the heaters when lid is opened.

The chimney for discharging the vapors occurring during the operation is offered as standard.

MF Series Furnaces are equipped with PID microprocessor control system which has temperature displays for actual and set temperatures. The control system gives an alarm in case of temperature sensor failure and stops heating if temperature exceeds the maximum set temperatures of the furnace.

Depending on the different performance needs, two more control systems are offered as option: Control systems with two steps and six steps. While it is possible to program only one heating ramp and one dwell for control system with two steps, it is possible to program totally six steps including heating ramps and dwells for control system with six steps. Those optional control systems have 3600 minute timer for each step and delayed start timer can be programmed up to 3600 minutes as well.



TECHNICIAL SPECIFICATIONS

	MF 106	MF 110	MF 205	MF 207	MF 306
Maximum temperature	1100°C		1200°C		1300°C
Continuous operating temperature	1050°C		1150°C		1250°C
Chamber volume,liters	6,3	10	5	7	6,3
Control system	PID Microprocessor control system				
Temperature set and display sensitivity	1°C				
Internal material	Fiber board and refractory brick				
External material	Electrostatic powder coated steel				
Time to maximum temperature, minutes	65	55	50	60	65
Power consumption, Watt	2000	3000	2000	2000	2500
Power supply	230 V, 50/60 Hz				
Internal dimensions (WxDxH) mm	210x200x150	200x250x200	180x200x140	200x250x140	200x250x140
External dimensions (WxDxH) mm	550x580x650	560x670x720	550x580x650	550x580x650	550x580x650

OPTIONS

MF XXX (T) Timer-3600 minutes

MF XXX (2) Control system with two steps

MF XXX (6) Control system with six steps

