



Laboratory Furnaces



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Starter Series

- Economical, lightweight and reliable.
- Ideal for basic ashing, burning and similar processes.
- Bottom, side and top walls made of light firebrick.
- Lockable door handle.
- Thanks to SSR driven duty cycle control algorithm accurate temperature control.
- Easy to use.



1100°C, 1200°C
3, 5, 7, 10, 16 and 30 Liters



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Primary Series

- Advanced heater protection, durable inner chamber and reliable.
- Ideal for basic ashing and burning processes.
- Bottom, side and top walls made of light firebrick.
- Lockable door handle.
- Thanks to SSR driven duty cycle control algorithm accurate temperature control.
- Standard chimney with fan
- Easy to use.



1100°C, 1200°C
3, 5, 8 20 Liters



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Standard Series

- Robust, durable and reliable.
- Ideal for all ashing, burning and similar processes.
- Bottom, side and top walls and front facing insulations made of light firebrick.
- Lockable door handle. Optional Lift-up door.
- Thanks to SSR driven duty cycle control algorithm accurate temperature control.
- 4 line display with menu makes it easy to use.
- Standard chimney with fan.



1100°C, 1200°C,
1300°C
5, 7, 10, 20, 40, 60,
100 Liters



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MTSiC and MTMo Series

- MTSiC
1400°C,
1500°C,
1550°C
- MTMo
1600°C,
1700°C,
1750°C
- 1, 3, 6,
9, 16,
30, 60
Liters
- Lift-up door design is standard. Sideways opening door is optional.
- SiC heating elements are used up to 1550°C, and MoSi2 up to 1750°C.
- "Phase Angle Firing" maximizes the service life of the heating elements.
- Low surface temperatures allow safe operation.



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MTSiC

MTSiC

MTMo



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MTMo



MTAC Series

- N₂, Ar, CO₂ are the standard controlled atmosphere gases. H₂, CH₄ or similar flammable, explosive gases are optional.
- Vacuum chamber and pump make residual oxygen evacuation easy and effective.
- Custom revisions are also possible.
- 300 mbar positive pressure can be achieved.
- Advanced automatic system control via PLC also possible.



All
MT, MTSiC and
MTMo Models



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MTO Series

- Magmatherm ovens are robust and durable. Stainless steel lining.
- Ideal for applications up to 600°C like plastic mold cleaning, drying and many types of heat treatment.
- An afterburner is an usefull option is to clean the exhasut gases.
- Corrosion protectec heating elements are standard.



450°C, 600°C
20, 60, 100, 216, 400,
1000 Liters



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Tubular Furnaces



MTTF

- Ideal for variety kind of applications.
- Thanks to SSR driven duty cycle control accurate temperature control.
- 4 line display with menu makes it easy to use.
- Optional gas connection gas flanges.



2 Gas supply system



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MTCTF Series

- Tubes are replaceable. Tube diameter can be variable.
- Control unit can be separable.
- Excellent thermal homogeneity.
- Vertical and horizontal models available Easy to service and resistance replacement.
- Optional gas connection gas flanges.



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MTSTF Series

- Split tube furnaces are very comfortable to use.
- Tubes are replaceable. Tube diameter can be variable.
- Control unit can be separable.
- Excellent thermal homogeneity.
- Vertical and horizontal models available.
- Optional gas connection gas flanges.



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MTTFSiC and MTTFMo Series

- High temperature tube furnaces are equipped with SiC or MoSi₂ heaters according to their temperatures.
- Tubes are replaceable. Tube diameter can be variable. Different tube types can be used for different applications.
- Easy to create an effective protective atmosphere.
- Phase angle firing method at the power driving ensures the longest service life for the heaters.



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MTSiC



Scan For Data Sheet
MTMo

Photo Gallery



Tube furnace with vacuum and gas connection vacuum gauge and indicator



Corrosion protected heating elements



Vertical Split Furnace with separate control unit

WORLDWIDE SALES



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Holland
Germany
England
France
Italy
Poland
Austria
Greece

Spain
Portugal
Morocco
Algeria
Libya
Egypt
Iraq
Saudi Arabia
UAE

Azerbaijan
Georgia
Kazakhstan
Turkmenistan
China
Malaysia
Thailand
Indonesia
South Korea

Japan
India
Pakistan
Philippines
Gana
Hungary
Bangladesh
Russia

...and growing



TETRA ISI SİSTEMLERİ SANAYİ VE TİCARET LTD.ŞTİ.

Yunus Emre Mah. Türüt S. No:14 Sancaktepe/İstanbul
Turkey

mail: magma@magmatherm.com



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