



Laboratory & Industrial Furnaces



- Laboratory Furnaces
- Industrial Furnaces
- Laboratory/Industrial Ovens
- Microwave Furnaces
- Vacuum Furnaces
- Annealing Furnaces
- Ashing/Cupellation Furnaces
- Dental Furnaces

Laboratory | Nuclear | R & D | Ceramic | Metal | Chemical | Educational Institute

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Furnaces

Laboratory Furnaces

Laboratory Furnaces are a must for specific testing applications such as ashing, preheating, curing, annealing etc. We have models available in front entry, bottom entry, tubular, Split tube furnace etc.



Muffle Furnace - MF



High Temperature Furnace - HTF



Split Tube Furnace - STF



Tube Furnace - TF



Bottom Loading Furnace - BLF



Vertical Split Tube Furnace - VSTF



Dental Furnace - DF



Rotary Split Tube Furnace - RSTF

Maximum Temperature	300°C to 1800°C
Heating Elements	Kanthal A1, Silicon Carbide, MoSi ₂
Controlling Sensors	N, R, B, S
Power Rating	2 - 8 KW
Volume (Ltrs.)	1.5 - 18.5

Furnaces

Industrial Furnaces

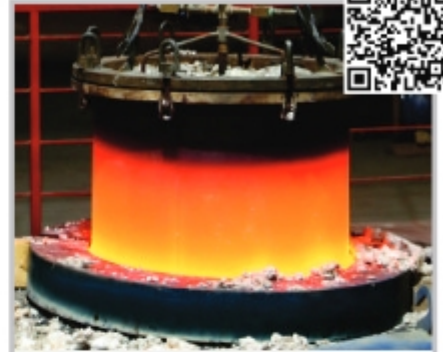
Industrial Furnaces find applications in processes such as casting, calcination, tempering etc. We offer wide range of industrial furnaces such as Chamber / Box Furnace, Bogie Hearth Furnace, Bottom Loading Furnace, Annealing Furnace, Pit Type Electric Furnace and Electric Conveyor Mesh-Belt Furnace



Chamber Furnace - CF



Bottom Loading Furnace - BLFI



Pit Furnace - PF



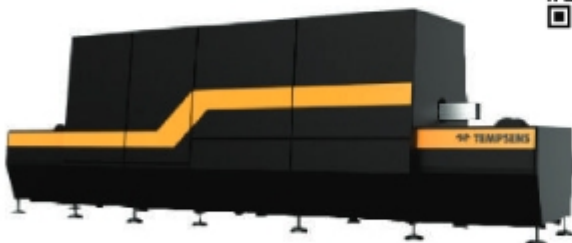
Ashing/Cupellation Furnace - TCF



Vacuum Furnace - VF



Forced Convection Furnace - CF-F



Annealing Furnace - AF



High Temperature Furnace - HTF



Maximum Temperature	300°C to 2500°C
Heating Elements	Kanthal APM, Nichrome, Silicon Carbide, MoSi ₂ , Graphite, Moly and Tungsten
Controlling Sensors	K, N, R, B, C, D, Pyrometer
Power Rating	Power Control through thyristor or SSR unit.
Temperature Controller	Microprocessor Based Multi Segment PID Temperature Controller

Furnaces

Laboratory / Industrial Ovens

Laboratory and Industrial Ovens Series offers a range of precision electric ovens. They are designed for low temperature thermal treatment such as drying, heating and thermal testing in an air-flow assisted environment.



Drying Oven



Laboratory Oven



Vacuum Oven

Temperature Range	Upto 500°C
Capacity	4 Ltr. to 14000 Ltr.

Microwave Furnace

Microwave Furnaces represent a system that combines free radiating heating elements with a microwaves field. Key advantages include greater energy efficiency, faster sample heating, more uniform heating and improved material properties.



Microwave Furnace-MWF

Temperature Range	1600°C (Max)
Heating System	Microwave by Magnetron

Other Special Furnaces

- Hybrid-dual Mode Furnace (microwave & resistance heating).
- Special vacuum & gas atmosphere furnace.
- Conveyer Mesh Belt Furnace
- Bogie Hearth Furnace

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