

TKM SERIES

TKM Series Heat Treatment Furnace

This heat treatment furnace exhibits excellent uniform heating, carburizing, and cooling performance, and is designed in consideration of quality control and maintenance. In addition to conventional brick furnaces, we have developed ceramic furnaces, electrical heating furnaces, and gas heating furnaces to meet the diverse needs of companies that specialize in the area of heat treatment in Japan and overseas.



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FEATURES

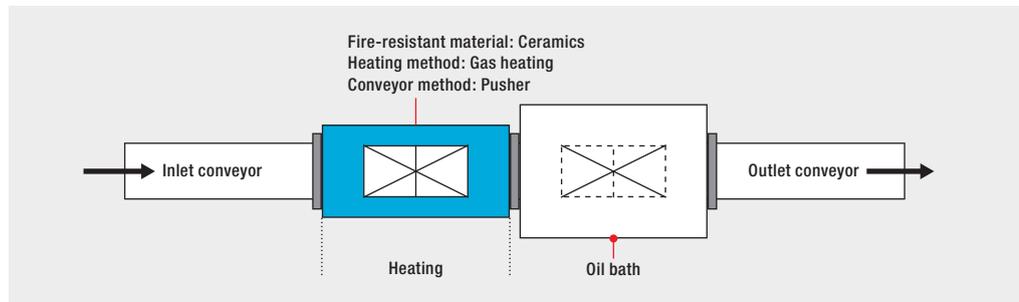
- Saves energy by using high-efficiency regeneration gas burners.
- Reduces CO₂ emissions by more than 30% to improve environmental performance.
- Shortens total lead time by 20%.
- Significantly reduces furnace surface temperature by using a new heat-insulated structure.

SPECS

Model	External dimensions (mm)			Furnace usable dimensions (mm)		
	Overall length	Overall width	Overall height	Length	Width	Height
TKM-40ERT	6980	2550	3460	915	510	450
TKM-80ERT	8240	2600	3650	1220	660	600
TKM-100ERT	8810	2810	4140	1220	760	650
TKM-120ERT	9500	2810	4310	1220	760	750
Normal temperature (°C)	Power requirements (kW)*		Capacity for one treatment process (kg) (Gross weight)			
	Heating chamber	Oil bath				
930	40	36	320			
930	80	48	550			
930	100	60	720			
930	120	72	820			

* For oil baths, the power requirements are the amounts of power required for hot quenching processes.

STRUCTURE



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