

Optical Heating System (OHS)

With a reflection module and halogen heater, this Series attains rapid heating and cooling.



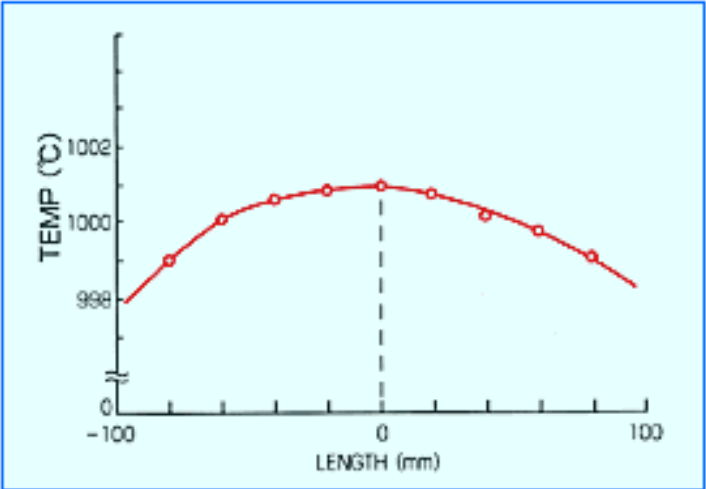
features

- Its furnace characteristics are easily adjustable according to the application.
 - Heat profile inside furnace is adjustable according to needs.
 - Is best suited to annealing treatment and local heating treatment.
- Equipment components
- Heating furnace
 - Temperature control unit
 - Vacuum pumping unit
 - Atmosphere control unit

[Standard specifications]

	OHS-1020	OHS-1520	OHS-2030
Internal dimensions of furnace	φ100×200D	φ150×200D	φ200×300D
Maximum temperature	1,500℃		
Temperature during normal operation	1,400℃		
Temperature uniformity	±5℃(1,400℃,with no charge)		
Heating rate	100℃/min(RT~1,400℃,with no charge)		
Cooling rate	25℃/min(1,400℃~300℃,with no charge)		
Ultimate vacuum	1.33×10 ⁻⁴ Pa(×10 ⁻⁶ Torr)		
Atmosphere	H ₂ ,N ₂ ,Ar,O ₂ ,Air		
Heater	Halogen heater		
Control method	P.I.D SCR continuous control		
Power requirements	3φ 200V 10KVA	3φ 200V 20KVA	3φ 200V 50KVA

●Temperature distribution in OHS-2030



●Heating rate in OHS-2030

