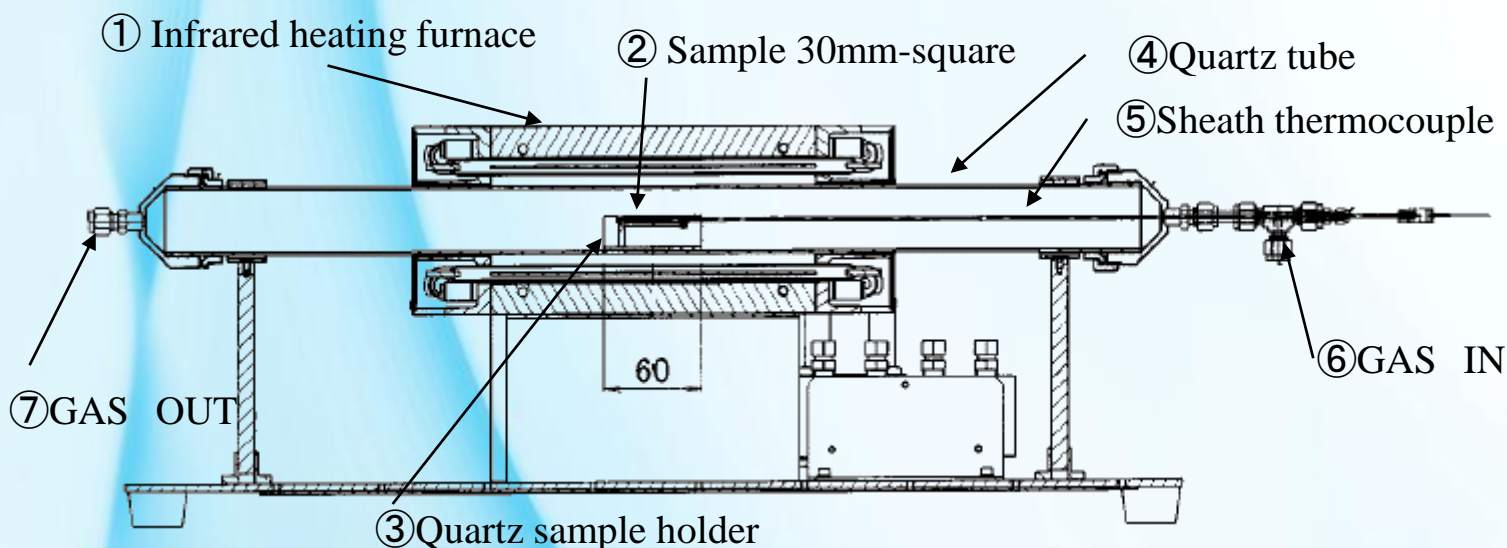


# 1300°C-compatible heating system



## Features

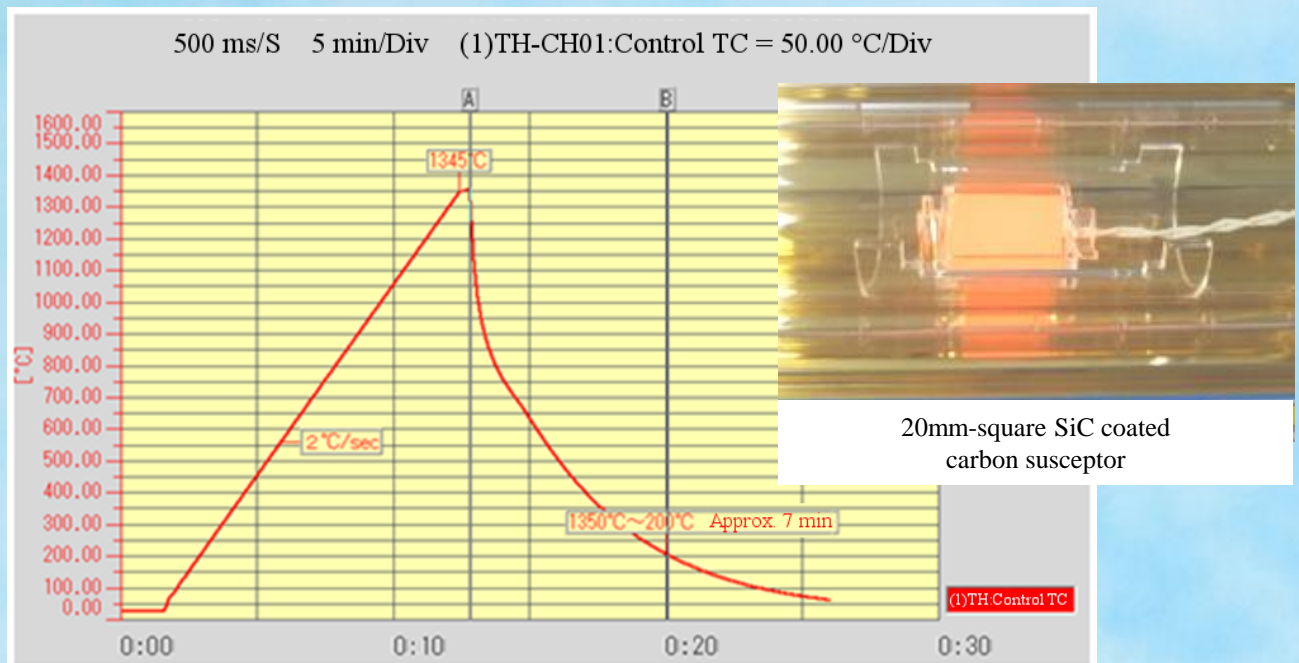
- Heating up to 1300 °C is possible by clean heating by infrared furnace.
- Heating of 30 mm-square x 2 sheets is possible.
- Easy to replace quartz tube
- Low price model for research and development

## Applications

- Sublimation purification
- Various heat treatment of metals, ceramics, semiconductor materials
- Drying / sintering etc. in various atmospheres
- Rapid heating / rapid cooling heat treatment of various materials

# 1300°C-compatible heating system

## ● Heating characteristic



## ● Specification

Temperature range	RT~1300°C (Regular use), 1350°C (max)
Infrared heating furnace	P48CP, AC 200 V, 6.4 kW
Heating chamber	Quartz tube, φ38mm
Sample holder	Made of quartz
Sample size	30 mm-square x 2 sheets
Atmosphere	In inert gas flow, air
Control sensor	Sheath thermocouple

## ● Utility

Power supply	1φ, AC 200 V, 7 kW
Cooling water	0.3 MPa, 5 L/min
Gas	N <sub>2</sub> , 1 gas line
Installation space (main unit)	W 800 x D 440 x H 300(mm)
Temperature controller	W 250 x D 390 x H 157(mm)

● Specification and appearance are subject to change without notice for performance improvement.

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