Consignment test available

Ultra High Temp. Heating Device Over 3000℃

UT-Series

Currently used in each research institution and University Lab.

- Most suitable device will be suggested by the temperature simulation technology.
- Available over 3000℃ heating by High frequency induction heating power supply with carbon crucible and refractory in the inert gas conditions.
- Temperature increase up to 3000℃ within 10 min with recommended hot zone.

Ultra high temp. simulation

Rapid heating Hot Zone

Precise temp. control ±1℃

Heating method	High frequency induction heating, 20 kW, 10 kHz
Heating temperature	Max 3500 ℃
Temperature rate	Max 150 ℃ / min
Chamber	Quartz single chamber
Crucible	Carbon crucible（Internal volume ϕ50×48L）
Insulation material	Carbon molding material
Atmosphere	Vacuum or Ar（Up to 1800 ℃ in vacuum）
Temperature measurement	Radiation thermometer

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