

Ultra-High Temperature Laser Flash Method Thermal Constant Measurement System TC-UVH



Thermal diffusivity measurements in ultra-high temperature regions up to 3000 °C maximum

Achieves thermal diffusivity measurements of materials in ultra-high temperature regions with the laser flash method.

Optimal for thermal conductivity evaluations of carbon materials and ceramic materials.

Applications

- **Thermal conductivity evaluations of aerospace materials.**
- **Thermal conductivity evaluations of nuclear power materials.**
- **Thermal conductivity evaluations of ultra-high temperature insulation materials.**
- **Thermal conductivity evaluations of carbon materials.**

Features

- Capable of thermal diffusivity measurements from 500 °C to 3000 °C.
- We also offer molten sample measurement models.

Specifications

| Ultra-High Temperature Laser Flash Method Thermal Constant Measurement System TC-UVH | |
|---|---|
| Type | TC-UVH |
| Measurement Properties | Thermal diffusivity |
| Temperature Range | 500 °C to Max. 3000 °C |
| Sample Size | Standard: \varnothing 10 mm x 1 to 3 mm thickness |
| Measurement Atmosphere | Ar gas |