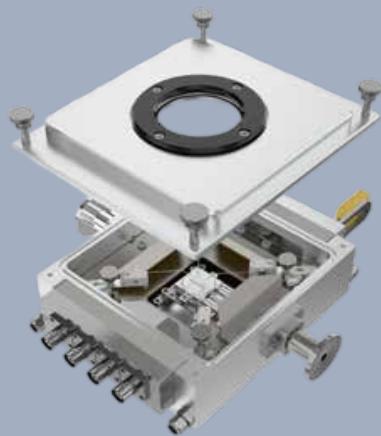


Electrical

Ultra-high temperature probe stage

High temperature resistance stability + High-precision testing +
Flexible compatibility

- Super strong high-temperature resistance stability
- Flexible software compatibility
- High-precision temperature control and rapid temperature rise
- Compact and lightweight design



One Platform Many Possibilities

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Overview

Introduction:

Ultra-high temperature probe stage is a thermal stage specially designed for testing the electrical parameters of materials and characterizing machine performance in a temperature-varying environment. It uses the four-probe method at its core to achieve accurate testing, and can meet the core needs of researching the electrical properties of materials in high-temperature scenarios. Its application fields are extensive, covering scenarios such as perovskite material research, dielectric constant testing, variable temperature resistivity analysis, and low-temperature electrical signal testing, providing reliable experimental support for the research on the changes in the electrical properties of materials in high-temperature environments.

Features:

- The chamber, sample area and probes are all made of high-temperature resistant materials to ensure stable use at high temperatures.
- An additional temperature signal can be added for integration with other testing software

Specifications

Common Parameter Specification Table

Parameter Item	Parameter Details
Refrigeration model	No refrigeration (Natural cooling)
Temperature resolution	0.1
Temperature accuracy	±0.01
Maximum heating rate	150 /min
Maximum cooling rate	Natural cooling
Sample area material	Superalloy
Diameter of the front observation window	32mm
Type of probe	Fixed probe
Adjustment method of probe	Manual adjustment
Number of probes	4 pieces

Explore Series

Model	Net weight	Overall dimensions	Testable sample area	Range of Temperature
UT1000S	1kg	120mm×140mm×52mm	22mm	RT~1000°C
UT1200S	1kg	120mm×140mm×52mm	16mm	RT~1200°C

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