

TUBE FURNACE with STICK SLIP STAGE

Automated Stage for High-Temperature Vacuum Furnaces
In Situ Monitoring : Sample Stage Translational Motion

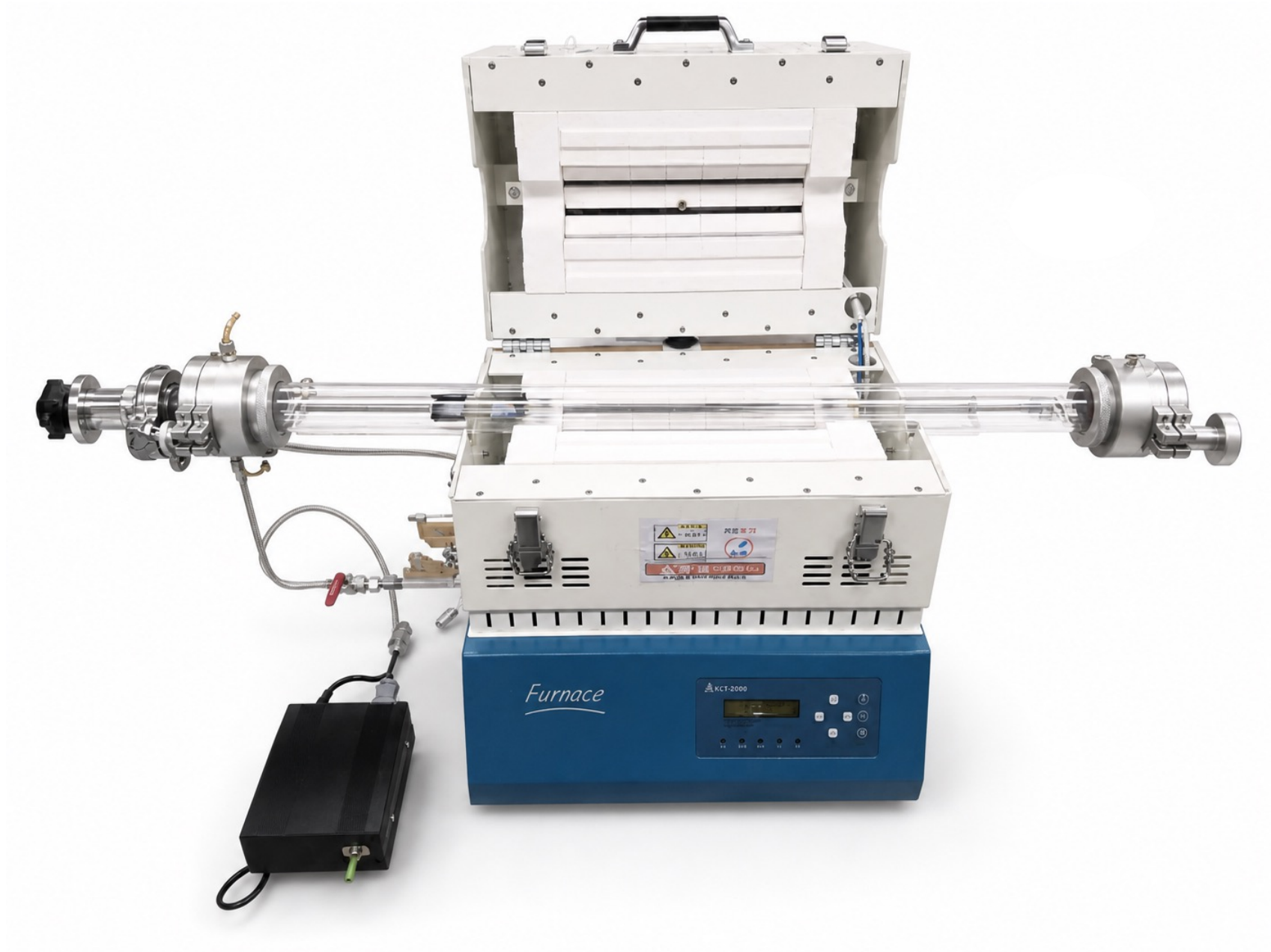




Tube Furnace with Stick Slip Stage

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Automated stage for high-temperature vacuum furnaces.



Product Information

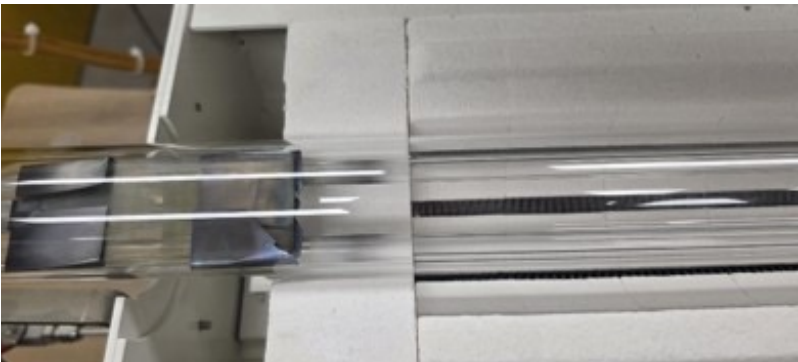
Temp Controller	Programmable Controller (FC-1000)
Sensor	K Type
Applicable Tube Diameter	50 φ
Heater Capa	2200 W
Dimension Hot zone	Length 300 mm
Dimension Extermer (WxDxH)	502x357x517 mm 19.76x14.06x20.35"
Weight	27kg



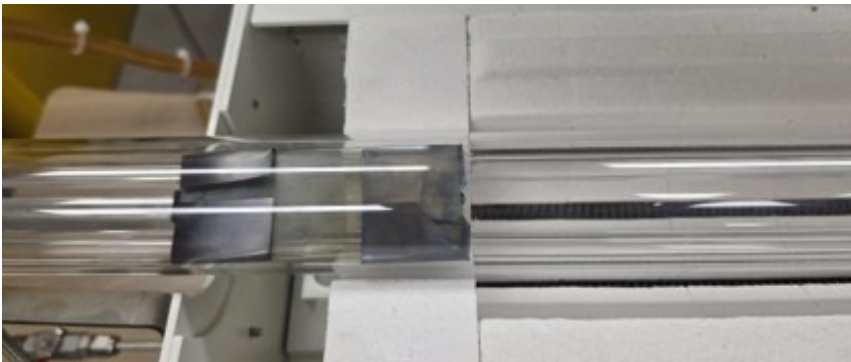
Performance

Maximum Speed	1.2 cm/s
Max Temp	1200° C (2192°F)
Vacuum Capability	Yes
Operation in Vacuum and High Temperature	Yes

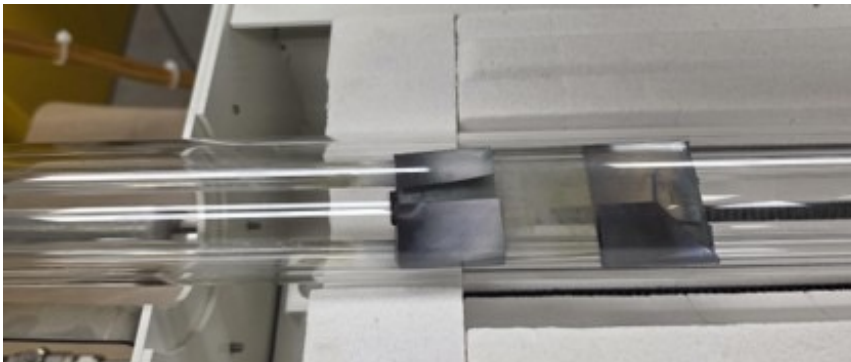
Move in a high-temperature vacuum.
Maximum speed 1.2 cm/s.
Direction controllable.



Home Position



After 5 Seconds



After 10 Seconds

Toward Independence in Research Equipment.

Standardized components are used to allow researchers to freely modify the system for specialized research purposes.

Built on an open-source platform, enabling customization and specialized research applications.

Software libraries are provided so users can modify programs according to their specific needs.

Program modifications reflecting individual user requirements are available as a paid service.

We provide a 1-year free warranty service and support software updates for up to 10 years when PCs are replaced.

