

- High temperature microscopy & spectroscopy stage
- 30°C - 1500°C
- Ø 8mm sample area
- Sealed chamber with gas purging capability
- Rotatable window to ensure optical access if volatile sample condenses on window

THERMAL FEATURES

Temperature Control	mK2000 with programmable precision switching PID method
Thermal Block	Ceramic for high temperature capability
Temperature Minimum	30°C (active cooling by means of purge gas)
Temperature Maximum	1500°C
Temperature Sensor	S Type Thermocouple
Maximum Heating Rate	+200°C per minute
Minimum Heating and Cooling Rate	±0.5°C per minute
Temperature Resolution	0.1°C
Temperature Stability	±1°C
Power supply	Universal power input
Software	Windows software to record and export temperature-time data



OPTICAL FEATURES

Optical access	Reflection and transmission capability
Optical windows	Rotatable to prevent fogging up Removable and exchangeable windows
Minimum Objective Working Distance	6.8 mm (4mm chamber height) or 8.8mm (6mm chamber height)
Minimum Condenser Working Distance	11.75 mm
Top Window	28 mm diameter
Top Viewing Angle	±45° from normal
Transmission Aperture	2 mm diameter
Bottom Viewing Angle	±21.6° from normal



STRUCTURAL FEATURES

Sample Area	8 mm diameter
Chamber Height	4.0 mm or 6.0 mm
Atmosphere Control	Gas-purge capability to control humidity, condensation, and oxidation
Frame Cooling	Integrated frame cooling with chiller system
Window and objective protection	Air cooling of the window and objective
Mounting	Horizontal and vertical mounting capability
Frame Dimensions	141 mm x 62 mm x 25.3 mm
Weight	1350 g