

- Simple stage for quick experiments with upright and inverted microscopes
- -25°C - 120°C with thermoelectric heating and cooling
- Open surface with clamps to fit standard 25 mm × 75 mm microscope slides

STRUCTURAL FEATURES

Sample Area	45 mm x 45 mm
Sample Access	Open chamber with sample clamps
Frame Cooling	Integrated frame cooling
Mounting	Horizontal
Frame Dimensions	160 mm x 150 mm x 20 mm
Weight	500g

OPTICAL FEATURES

Optical Access	Reflection and transmission capability
Minimum Objective Working Distance	0 mm
Minimum Condenser Working Distance	3 mm
Transmission Aperture	10 mm diameter, (other diameter optional)

THERMAL FEATURES

Temperature Control	mK2000 with programmable precision switching PID method
Thermal Block	Black anodized aluminum
Temperature Minimum	-25°C (with optional chiller)
Temperature Maximum	120°C
Temperature Sensor	100 Ω Platinum RTD
Maximum Heating Rate	+30°C per minute at 37°C
Maximum Cooling Rate	-25°C per minute at 37°C
Minimum Heating and Cooling Rate	±0.1°C per hour
Temperature Resolution	0.01°C
Temperature Stability	±0.05°C
Power Supply	Universal power input
Software	Windows software to record and export temperature-time data

