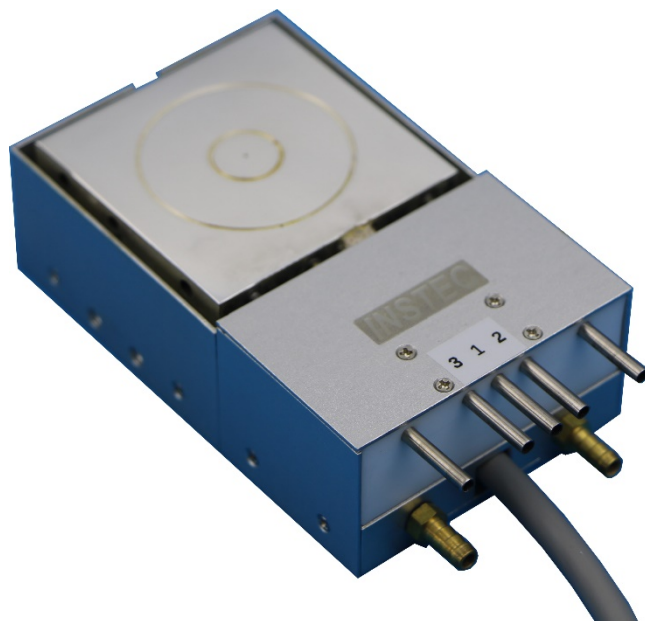


- Small footprint
- Wide temperature range: -190C to 600C
- Sample sizes: 3mm up to 50mm
- Silver surfaces
- Optional floating surfaces.

THERMAL FEATURES

Temperature Control	mk2000 with programmable precision switching PID method
Thermal Block	Silver
Temperature Minimum	-190°C (with optional liquid N2 cooling)
Temperature Maximum	600°C
Temperature uniformity	full stage $\pm 2\%$ or better
Temperature Sensor	100 Ω Platinum RTD
Maximum Heating Rate	+70°C per minute at 100°C
Maximum Cooling Rate	-15°C per minute at 100°C (with P4C)
Minimum Heating and Cooling Rate	$\pm 0.01^\circ\text{C}$ per minute
Temperature Resolution	0.01°C
Temperature Stability	$\pm 0.05^\circ\text{C}$ (>25°C), $\pm 0.1^\circ\text{C}$ (<25°C)
Software	Windows compatible software to record and export temperature-time data



STRUCTURAL FEATURES

Sample Area	5 mm- 50 mm
stage flatness	$\pm 25\mu\text{m}$
Frame Cooling	Integrated frame cooling channels with optional chiller system
Mounting	Probe station mounting capability (Custom mounting available)
Frame Dimensions	100 mm x 62 mm x 32.55 mm
Weight	500 g

