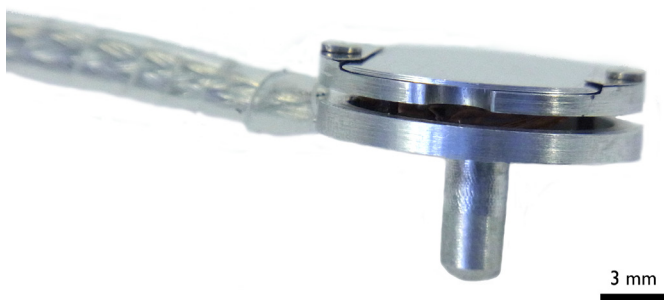


# Micro Heating Stage

The Micro Heating Stage (MHS) is built in the same form factor as standard microscopy stubs and can be mounted to your microscope's stage in the same way as the stubs are.



The heating stage is supplied with a temperature control unit which allows the stage to be heated from room temperature up to 200°C.

For ease of use the heating stage is fitted with a sliding sample plate that can be inserted into the stage's receptacle.

The Micro Heating Stage utilizes the same feedthrough system as our micromanipulators and can be used in conjunction with our other micromanipulation products.

## Applications

- IC stress testing
- Ageing tests
- Re-soldering bond pads

## Technical specifications

- Dimensions
  - Diameter: 16 mm
  - Overall height: 10 mm
  - Pin length: 6 mm
  - Pin diameter: 3.2 mm
- Temperature range at air: RT - 100°C
- Temperature range in vacuum: RT - 200°C
- Temperature resolution: 1°C
- Temperature stability of sensor:
  - Better than 0.05% at 200°C after 1000 h
- Temperature accuracy: 0.5%
- Analog voltage output accuracy:
  - 0.5% (after offset correction)
- Heating-up time from room temperature:
  - 100s to 100°C, 200s to 200°C
  - (in vacuum, depending on vacuum level)
- Cooling-down time from 200°C:
  - 200s to 100°C, 600s to 45°C
  - (in vacuum, depending on vacuum level)
- Pressure range: 1E-7 mbar to 1200 mbar

## Further information

- Contact us at [info@kleindiek.com](mailto:info@kleindiek.com)
- Find your local agent at [www.kleindiek.com](http://www.kleindiek.com)