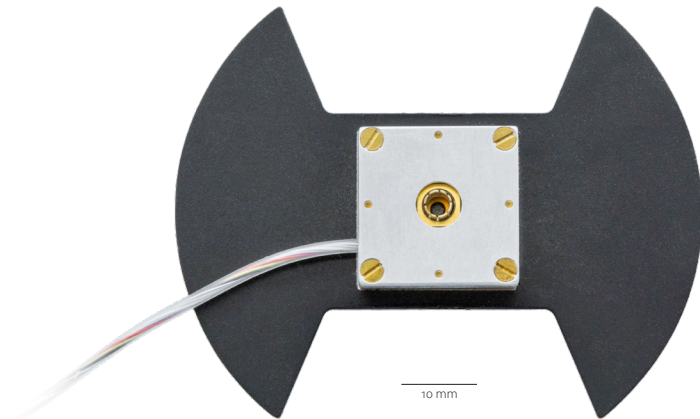


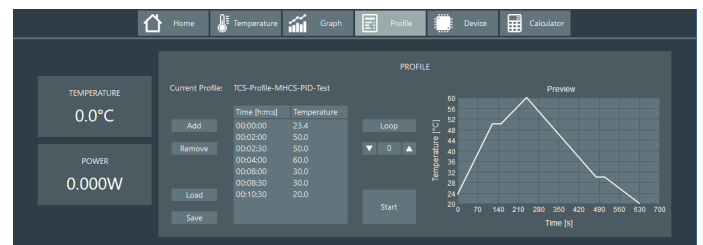
# Micro Heating Cooling Stage for the Prober Shuttle

The Micro Heating Cooling Stage is a compact, waterless(!) Peltier heating and cooling system that can be added to any SEM.

The included temperature controller with accompanying software provides intuitive control of the temperature setpoint. It also allows driving custom temperature profiles while recording the set point, power consumption, and actual temperature. This data is displayed in graphical format and the graph as well as the raw data can be exported for future reference.



This compact device is mounted to your PS8 as shown below. The only additional piece of hardware that is required is a vacuum feedthrough.



Samples are mounted to the cooling stage using the standard pin stubs that are usually used with the Prober Shuttles.

## Specifications

- min. temperature -20°C
- max. temperature 150°C
- Temperature stability: 0.01°C
- Diameter 70 mm
- Height: 10 mm
- Vibration free (no water cooling required)

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