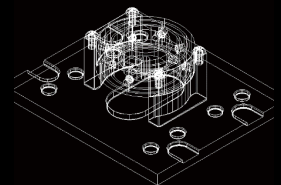
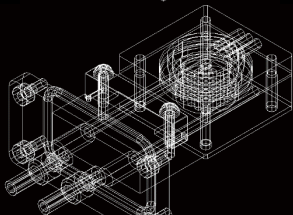


Temperature Ranges



RT ~ +1000 °C
(Model: MPS – CHU)
Sample stage size: Ø 1/2 inch



RT ~ +750 °C
(Model: MPS – CHH)
Sample stage size: Ø 1/2 inch

RT ~ +450 °C
(Model: MPS – CHL)
Sample stage size: Ø 1/2 inch

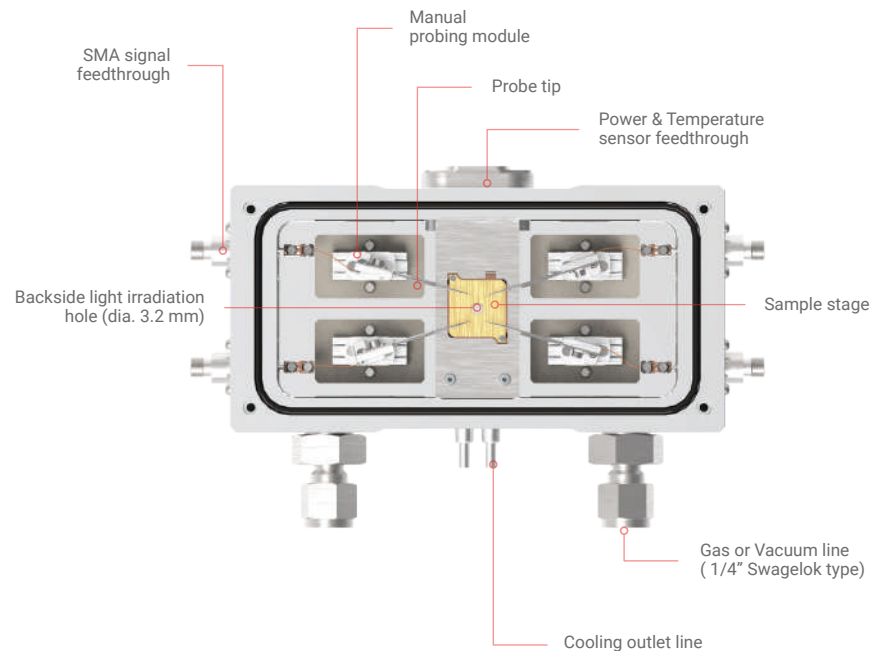
-40 ~ +200 °C
(Model: MPS – PT)
Sample stage size: 19 x 19 mm

-40 ~ +170 °C
(Model: MPS – PTH)
Sample stage size: 16 x 16 mm

80 K ~ RT
(Model: MPS – LN)
Sample stage size: Ø 15mm

Main Probe System Structure

MPS - PTH



6 Versions Depending on Temperature

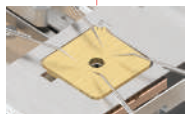
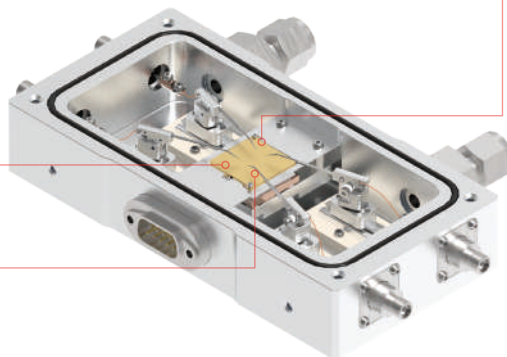
Peltier Device Heating & Cooling Sample Stage



Sample Fixing Jig

MPS - PT

Temp.: -40 ~ +200 °C
 Sample stage size: 19 x 19 mm
 Stage material: Rh coated Cu

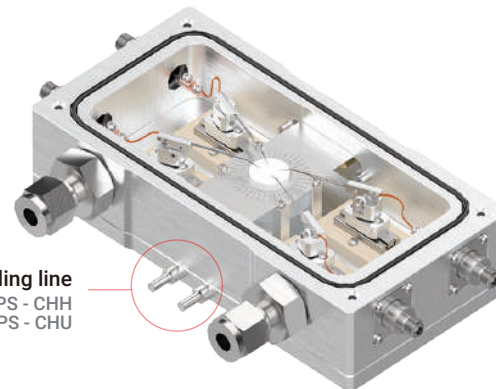


MPS - PTH

Temp.: -40 ~ +170 °C
 Sample stage size: 16 x 16 mm
 Stage material: Rh coated Cu
 Ø 3.2 mm bottom hole for light irradiation

Main Probe System Structure

Ceramic Heater Sample Stage



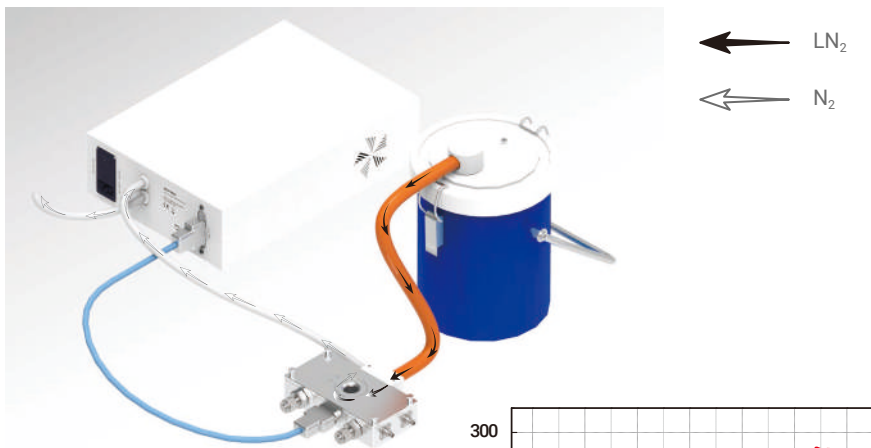
Cooling line
 Only MPS - CHH
 MPS - CHU

	Temperature Range ¹⁾	Sample stage size	Sample stage
MPS - CHL	RT ~ +450 °C	Ø 1/2 inch	Alumina sample stage
MPS - CHH	RT ~ +750 °C		
MPS - CHU	RT ~ +1000 °C		

1) The value is the thermocouple temperature inside the heating stage.

6 Versions Depending on Temperature

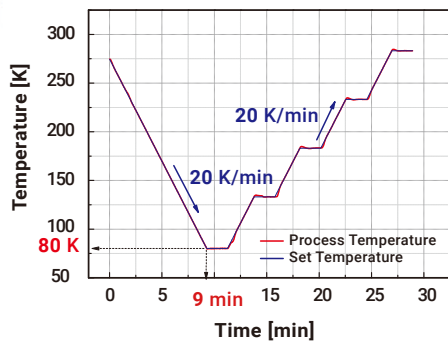
Liquid Nitrogen Cooling Sample Stage



MPS - LN

Temp.: 80 K ~ RT
 Sample stage size: Ø 14 mm
 Cu sample stage
 2L LN₂ Dewar (Optional)

video at: <https://bit.ly/3FjcGv8>



System Configuration

Peripherals

