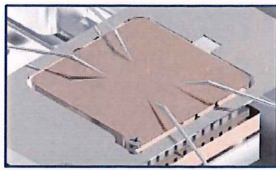


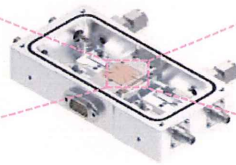
6 Versions Depending on Temperature

Peltier device heating & cooling sample stage

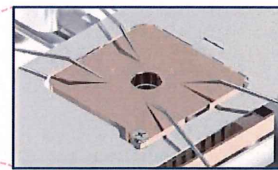
- 1
- Temp.: $-40\text{ }^{\circ}\text{C} \sim +200\text{ }^{\circ}\text{C}$
 - Sample stage size : $19 \times 19\text{ mm}$
 - Sample stage material : AlN, Gold coated copper



(MPS – PT)



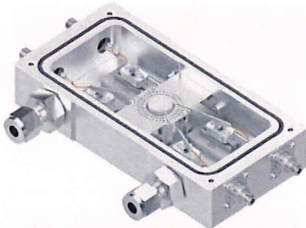
- 2
- Temp.: $-40\text{ }^{\circ}\text{C} \sim +170\text{ }^{\circ}\text{C}$
 - Sample stage size : $16 \times 16\text{ mm}$
 - Sample stage material : AlN
 - $\varnothing 3.2\text{mm}$ hole for light irradiation



(MPS – PTH)

Ceramic heater sample stage

- 3
- Temp.¹⁾ : RT $\sim +450\text{ }^{\circ}\text{C}$
 - Sample stage size : dia. 1/2 inch
 - Alumina sample stage
 - No need cooling system



(MPS – CHL)

- 4
- Temp.¹⁾ : RT $\sim +750\text{ }^{\circ}\text{C}$
 - Sample stage size : dia. 1/2 inch
 - Alumina sample stage
 - Built-in cooling block



(MPS – CHH)

- 5
- Temp.¹⁾ : RT $\sim +1000\text{ }^{\circ}\text{C}$
 - Sample stage size : dia. 1/2 inch
 - Alumina sample stage
 - Built-in cooling block



(MPS – CHU)

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

Liquid nitrogen cooling sample stage

- 6
- Temp.: 80 K \sim RT
 - Sample stage size : $\varnothing 15\text{mm}$
 - Cu sample stage



(MPS – LN)

video at : <https://youtu.be/08sC7R96vx0>