

## AC Method Specific Heat Measurement System ACC series



Capable of performing high-sensitivity relative specific heat measurements

This system is a high-sensitivity relative specific heat measurement system using the AC method.

It can perform measurements of relative specific heat from the temperature of liquid helium (model ACC-VL) up to 700 °C with a small sample of 2 mm square by 0.2 mm thick.

### Applications

- Measures changes in specific heat at the critical temperature of superconductive ceramics.
- Specific heat measurements of single crystals and minute samples.

### Features

- Capable of measuring phase transitions and the electronic specific heat coefficient of minute samples.
- Capable of measuring specific heat at a temperature interval of 0.1 °C.
- Capable of measuring specific heat at a constant temperature.
- Capable of measuring absolute specific heat in comparison with a standard sample.

## Specifications

<b>AC Method Specific Heat Measurement System ACC series</b>				
<b>Type</b>	<b>ACC-1M</b>	<b>ACC-1L</b>	<b>ACC-1M/L</b>	<b>ACC-VL1</b>
<b>Measurement Properties</b>	<b>Specific heat</b>			
<b>Temperature Range</b>	<b>RT to 870 K</b>	<b>100 to 470 K</b>	<b>100 to 870 K</b>	<b>6 to 300 K</b>
<b>Sample Size</b>	<b>2 mm square x 0.1 to 0.3 mm thick</b>			
<b>Measurement Atmosphere</b>	<b>Inert gas</b>	<b>High-purity He gas</b>	<b>Inert gas, high-purity He gas</b>	<b>High-purity He gas</b>