

Adiabatic Specific Heat Measurement System SH-3000 series



Measures specific heat capacity, latent heat, transformation points

Capable of precisely measuring specific heat capacity, latent heat, and transformation points with the adiabatic control method.

Applications

- Measurements of specific heat capacity of various materials
- Glass transition point measurements of polymer materials
- Theoretical analysis of reaction rates of solid reactions and solid to liquid reactions

Features

- Capable of near equilibrium state with adiabatic control
- Joule heating is applied to the sample and the rate of temperature increase is precisely measured by the internal microcontroller

Specifications

Adiabatic Specific Heat Measurement System SH-3000 series		
Type	SH-3000M	SH-3000L
Measurement Properties	Specific heat capacity	
Temperature Range	50 °C to 800 °C	-150°C to 100°C
Sample Size	φ 18 mm x 20 mm length	
Measurement Atmosphere	Inert gas	Low-pressure He gas

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Shar