

Thermogravimetry / Differential Thermal Analyzer

TGD-9000 series

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Unique signal TG and separate DTA measurements

The TGD-9000 series is capable of performing TG/DTA measurements in a wide range of temperatures from room temperature to ultra-high temperature regions.

Models equipped with the Infrared Gold Image Furnace can perform measurements with various heating conditions.

Applications

- Thermal decomposition of plastics
- Research and development of ceramic binders and thermoelectric materials
- Oxidation evaluations and reduction reactions of steel and iron materials

Features

- Capable of measurements with rapid heating and cooling using infrared lamp heating
- Customizable with a gas analyzer or other instruments

Specifications

Thermogravimetry / Differential Thermal Analyzer TGD-9000 series					
Type	TGD-9400	TGD-9500	TGD-9600	TGD-9700	TGD-9800
Measurement Properties	(Thermogravimetric) TG / (differential thermal analysis) DTA				
Temperature Range	RT to 1000 °C	RT to 1500 °C	RT to 1500 °C	RT to 1700 °C	RT to 1650 °C
Sample Size	Micro type: 0.1 cc Macro type: 0.5 cc				
Measurement Atmosphere	Air, inert gas				
Application	Customizable to special specifications				