

Thermogravimetry / Differential Thermal Analyzer

TGA



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 TGA	
Type	TGD-9500
Measurement Properties	(Thermogravimetric) TG / (differential thermal analysis) DTA
Temperature Range	RT to 1500 °C
Sample Size	Micro type: 0.1 cc Macro type: 0.5 cc
Measurement Atmosphere	Air, inert gas
Application	Customizable to special specifications

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