

Measurement of: Weight Loss and Enthalpy Change with respect to Temperature for Solids / Semi Solids up to 1600 °C

Equipment: Thermo Gravimetric Analyser TGA/DSC/1 Mettler Toledo

Property Measured: Determination of Weight Loss and Enthalpy Change with respect to Temperature for solids / semi Solids

Photograph (small size)



Basic Principle: The sample is heated in the Air / Inert atmosphere to pre determined target temperature at a particular heating rate and the real time weight and Heat exchanged is automatically transferred to raw data file. The raw data file is then exploited to determine the weight loss as well as heat exchange with respect to temperature with the help of software

Capabilities: Thermo Gravimetric Analysis (TGA) can be carried out for solid / semi solid substances from ambient to 1600°C in Air / Inert atmosphere.

Sample Requirement: Sample requirement is about 10 mg