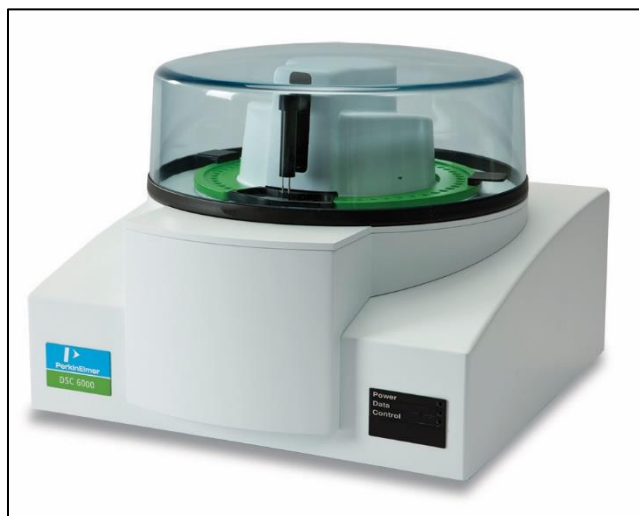


Differential Scanning Calorimeter (DSC)



Model/Make : Perkin Elmer DSC 6000

Purpose of Instrument :

To determine the melting temperature, heat of fusion, latent heat of melting, reaction energy and temperature, glass transition temperature, crystalline phase transition temperature and energy, precipitation energy and temperature, denaturation temperatures, oxidation induction times, and specific heat or heat capacity.

Application :

- Polymer Characterization
- Pharmaceuticals
- Thermal Storage System
- Rubber Technology.

Specification :

Dynamic Range	± 175 mW
Temperature Range	-180 to 450 °C
Accuracy	± 0.1 °C

Precision	± 0.02 °C
Data Points per second	10
Controlled Heating Rates	0.1 to 100 °C/min
Controlled Cooling Rates	0.1 to 100 °C/min