

Thermo gravimetric Differential Thermal Analyser

The Diamond (TG/DTA) combines the high flexibility of the differential temperature Analysis (DTA) feature with the thermogravimetric measurement. The combination ensures that sample is exposed to identical thermal treatment and allows one to identify exothermic or endothermic transition associated with expected transition.

Make and Model:

Perkin Elmer(USA) Diamond TG/DTA



Specification/ Features:

- Temp. Range: Ambient to 1500°C
- Heating Rate: 0.01°C- 1000°C/min
- Balance Type: Horizontal Differential type.
- Atmosphere: Air, Inert Gas, Vacuum (10^{-2} Torr).

Available mode of use:

- Solids

Whether the facility is open to external users: Yes

Location:

Room no.: 370, Second Floor, Central Facility

Department: Department of Chemistry

Contact details: 022-25764159

Convenor/incharge Name : Prof. Nand Kishore (nandk@chem.iitb.ac.in)